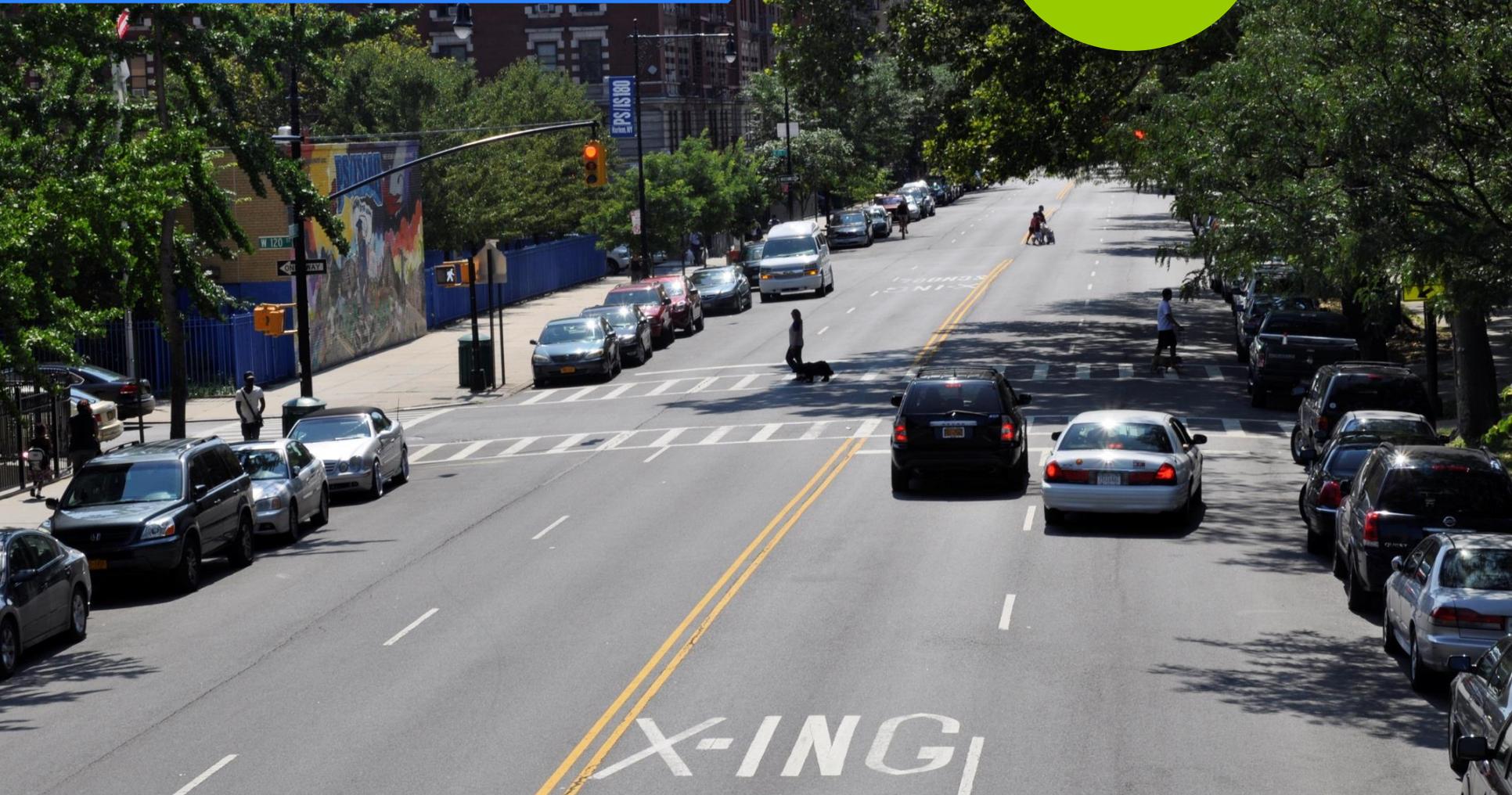


# Morningside Avenue

2013



Commissioner Janette Sadik-Khan, New York City Department of Transportation  
Presented by Division of Traffic & Planning, October 23<sup>rd</sup>, 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 116<sup>th</sup> St and to 38' north of W 126<sup>th</sup> St

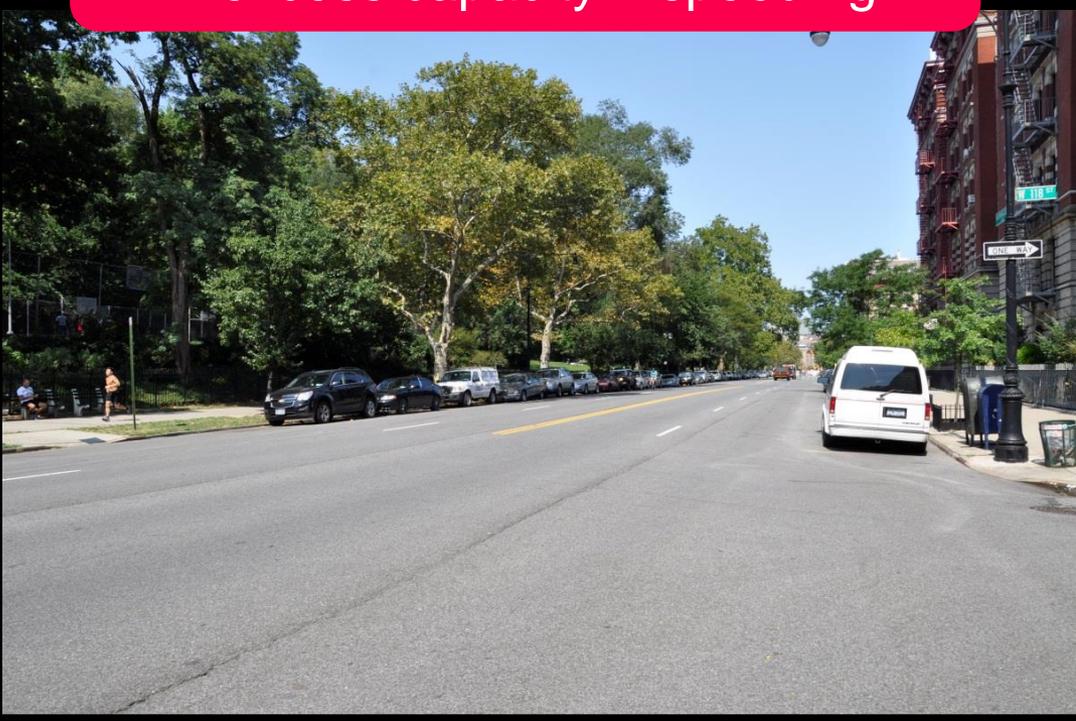
Morningside Ave separates park from community to the east



# Morningside Ave Corridor

## Existing Conditions

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



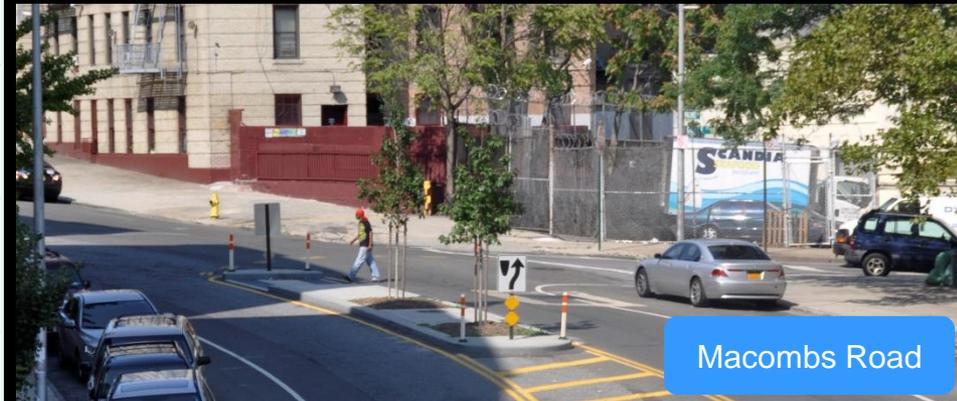
58% of northbound vehicles and  
66% of southbound were speeding  
during recent speed survey



# Safety Results from Similar Treatments

## 4 lane to 3 lane Traffic Calming

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



# Morningside Ave and W 118<sup>th</sup> St/W 117<sup>th</sup> St

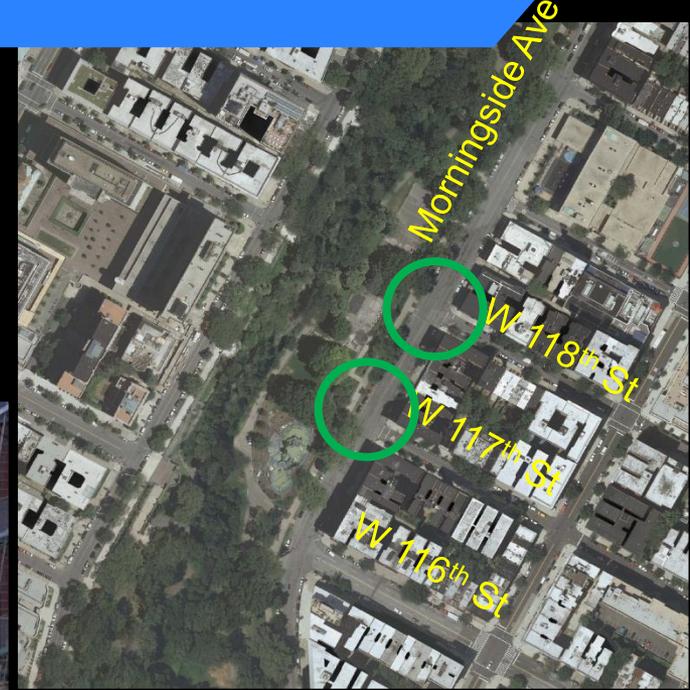
## Existing Conditions

No crosswalks or vehicle control at playground entrances

Park Entrance

60 feet

View North at W 118<sup>th</sup> St



# Morningside Ave and W 120<sup>th</sup> St

## Existing Conditions

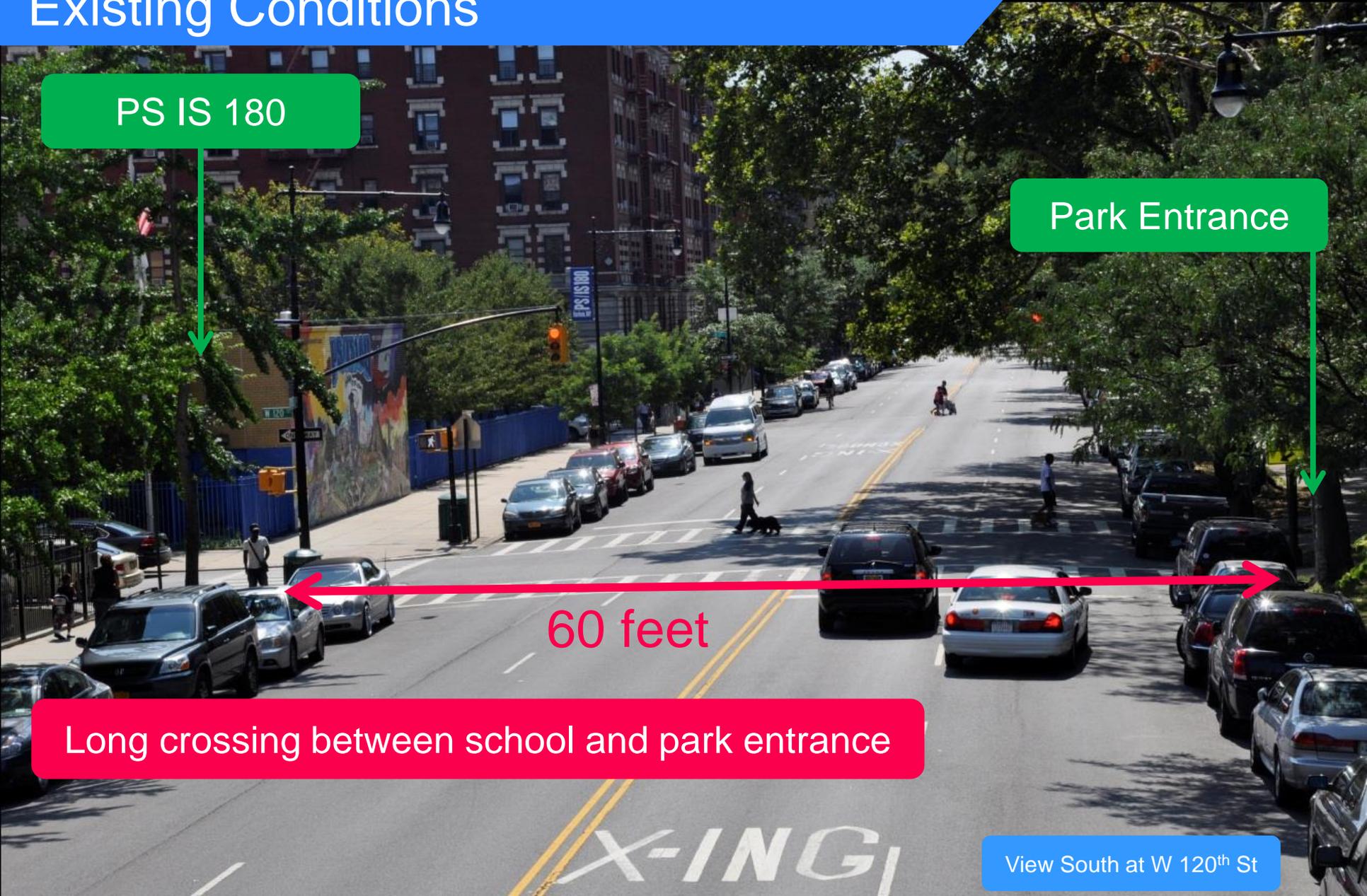
PS IS 180

Park Entrance

60 feet

Long crossing between school and park entrance

View South at W 120<sup>th</sup> St

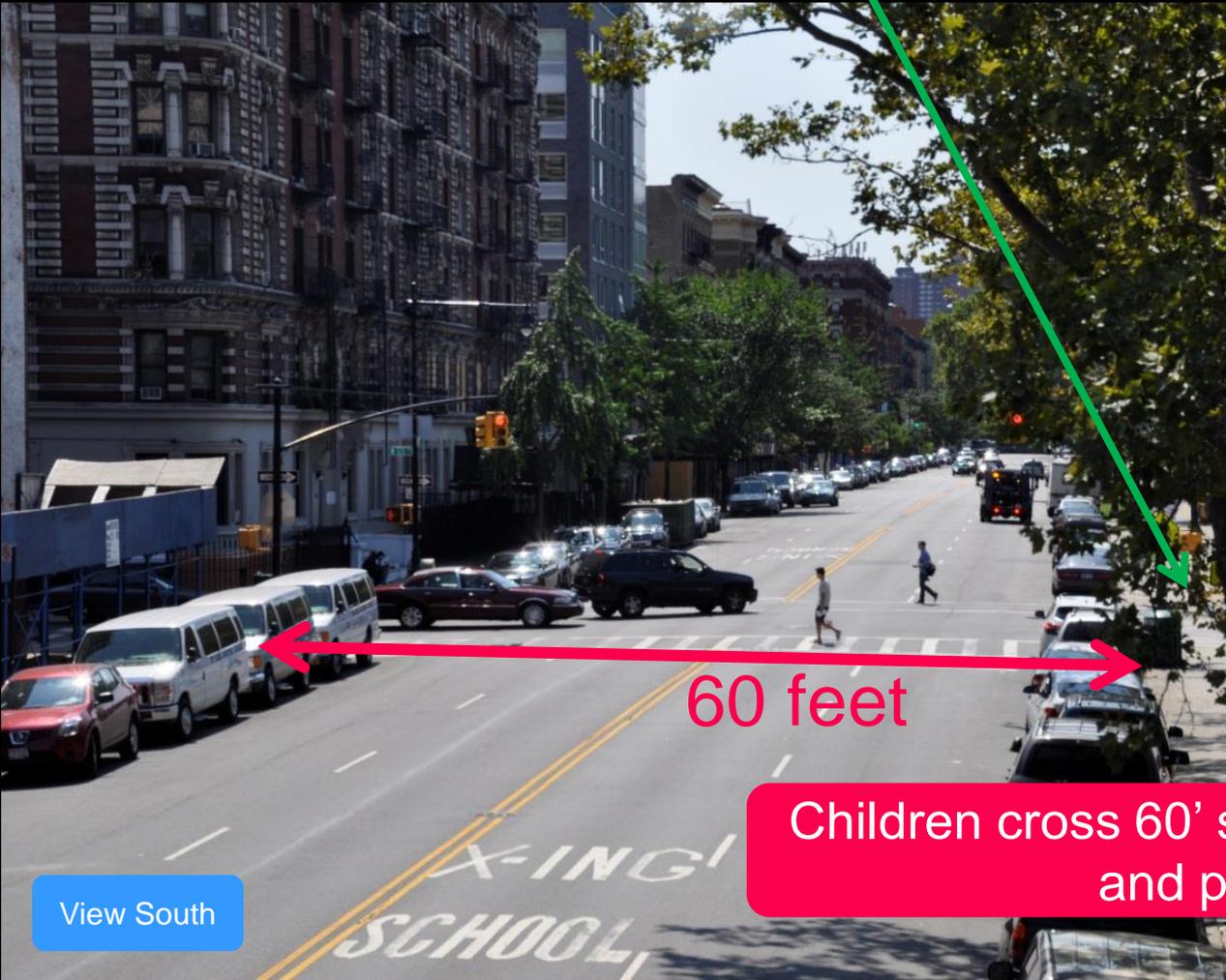


# Morningside Ave and W 123<sup>rd</sup> St

## Existing Conditions

Park Entrance

PS 125



60 feet

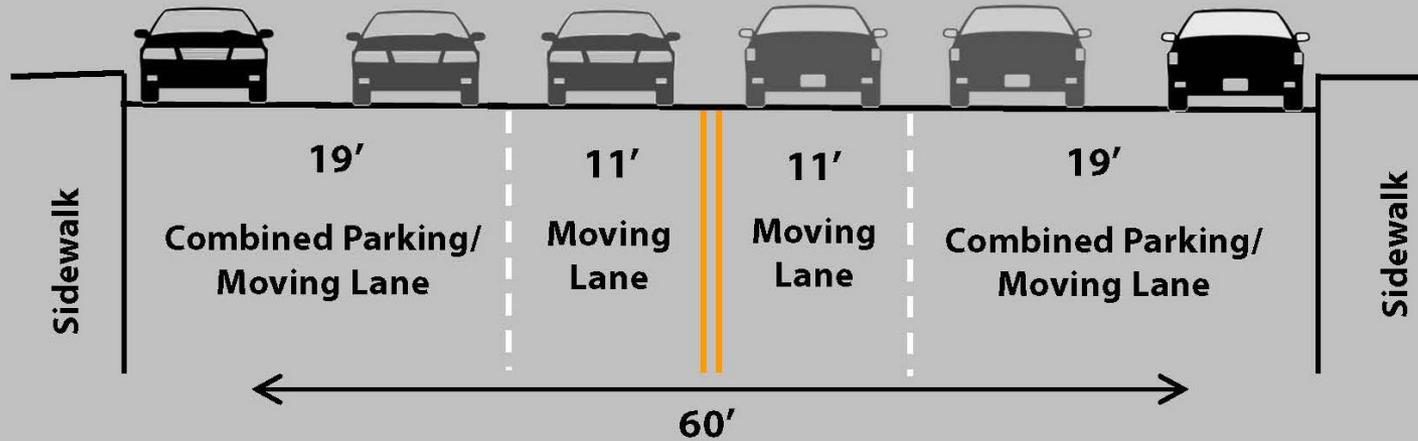
Children cross 60' street between residential and park/ PS 125

View South

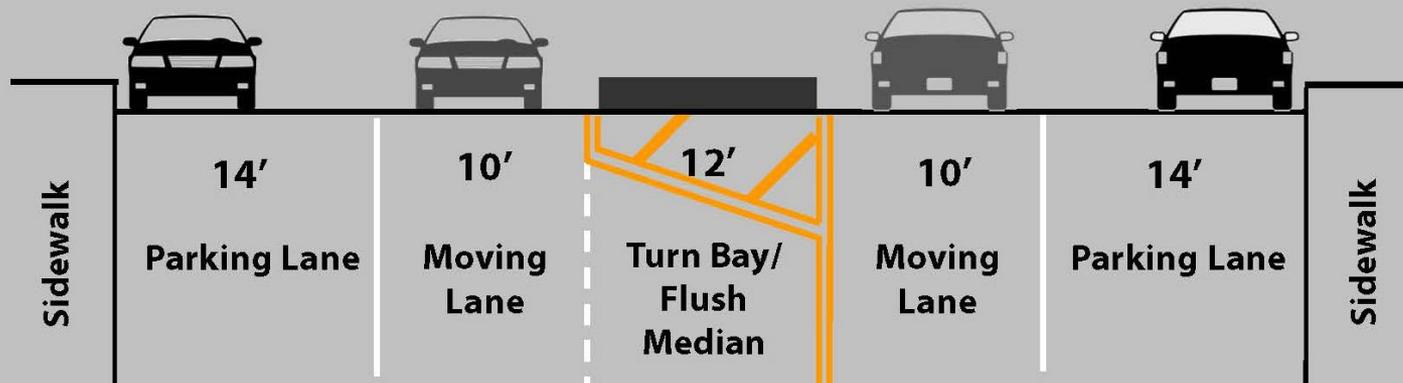


# Morningside Avenue Profile

## EXISTING



## PROPOSED



# Morningside Ave

## Proposed Corridor Conditions

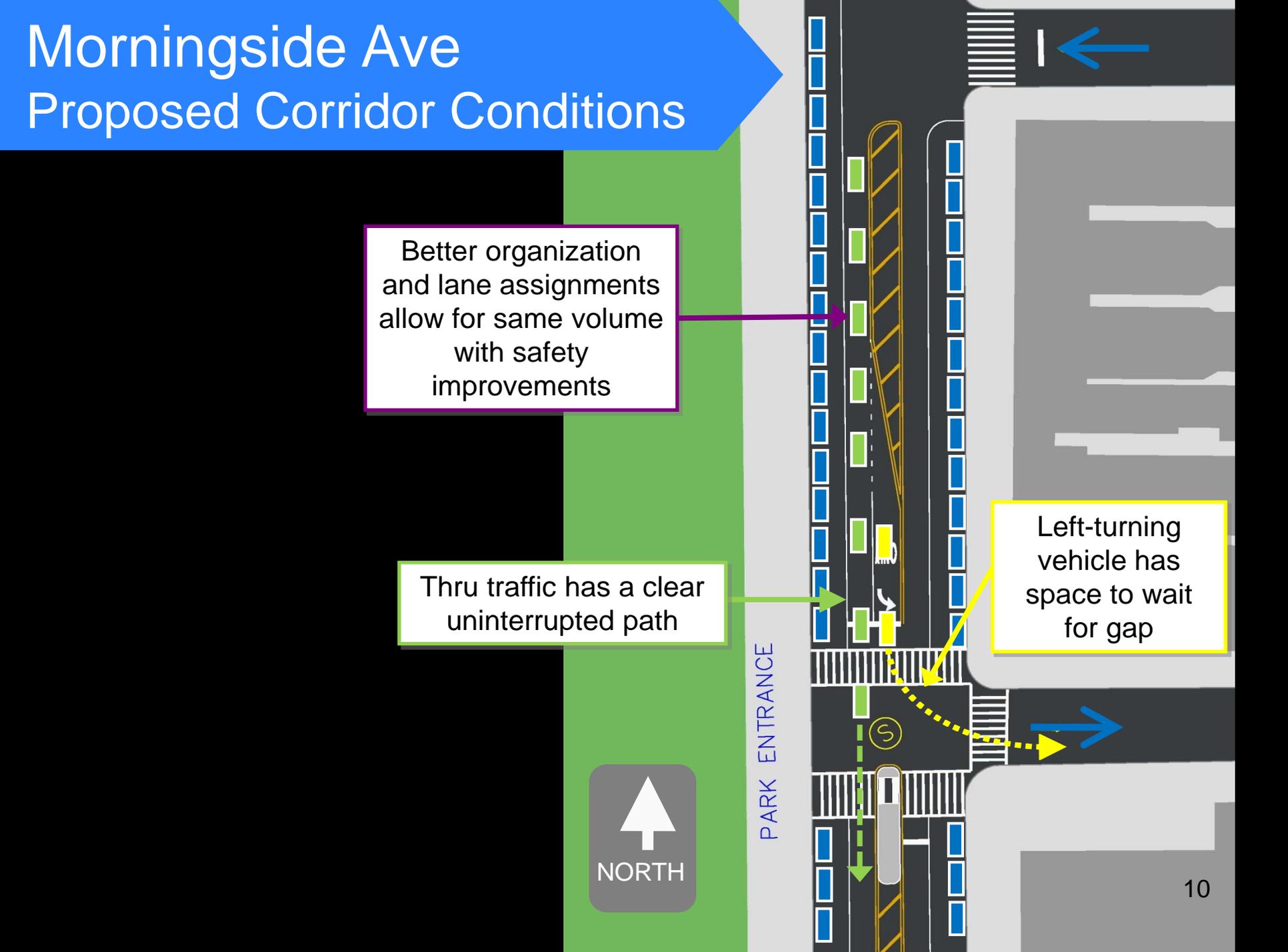
Better organization and lane assignments allow for same volume with safety improvements

Thru traffic has a clear uninterrupted path

Left-turning vehicle has space to wait for gap



PARK ENTRANCE



# Morningside Avenue

## Example of Road Striping



West 6<sup>th</sup> Street, Brooklyn

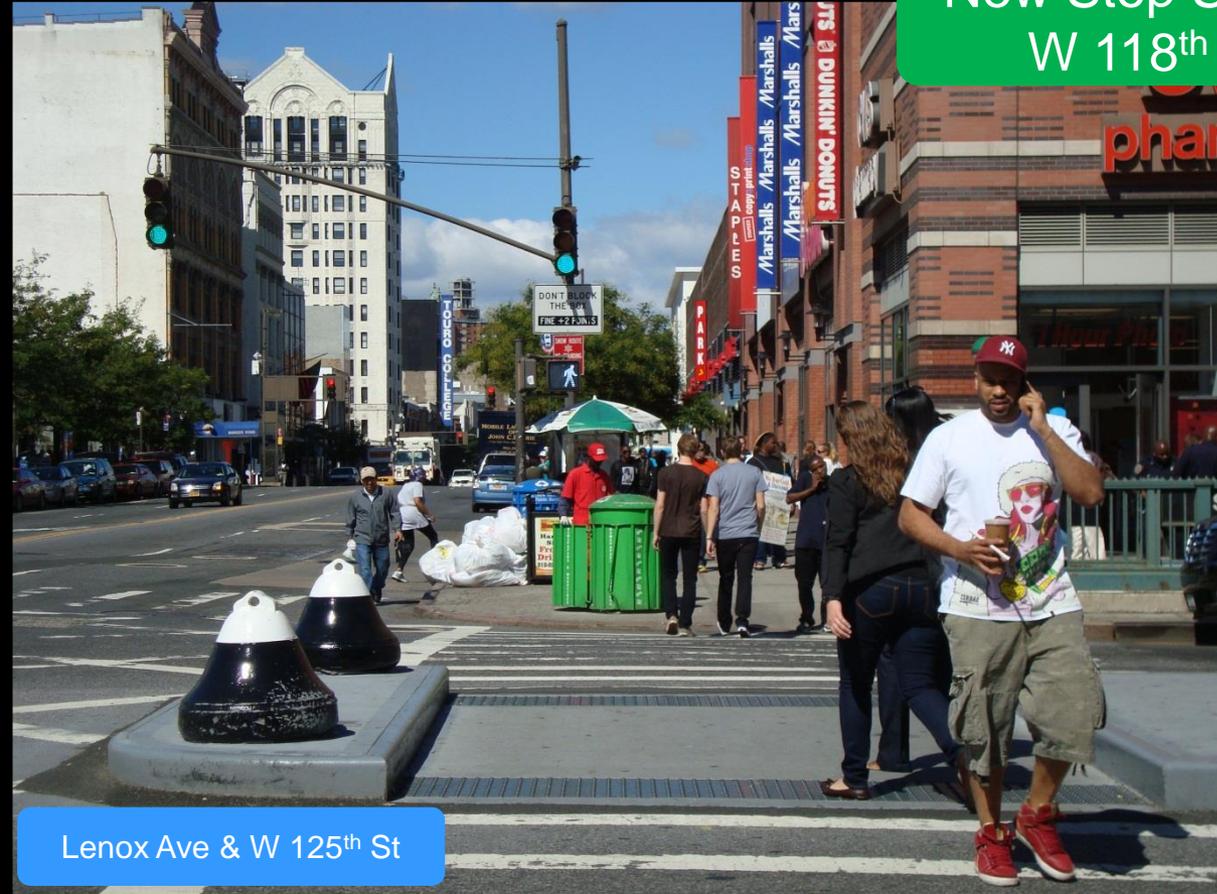
One lane in  
each direction

Wide parking lanes

# Morningside Avenue Proposal

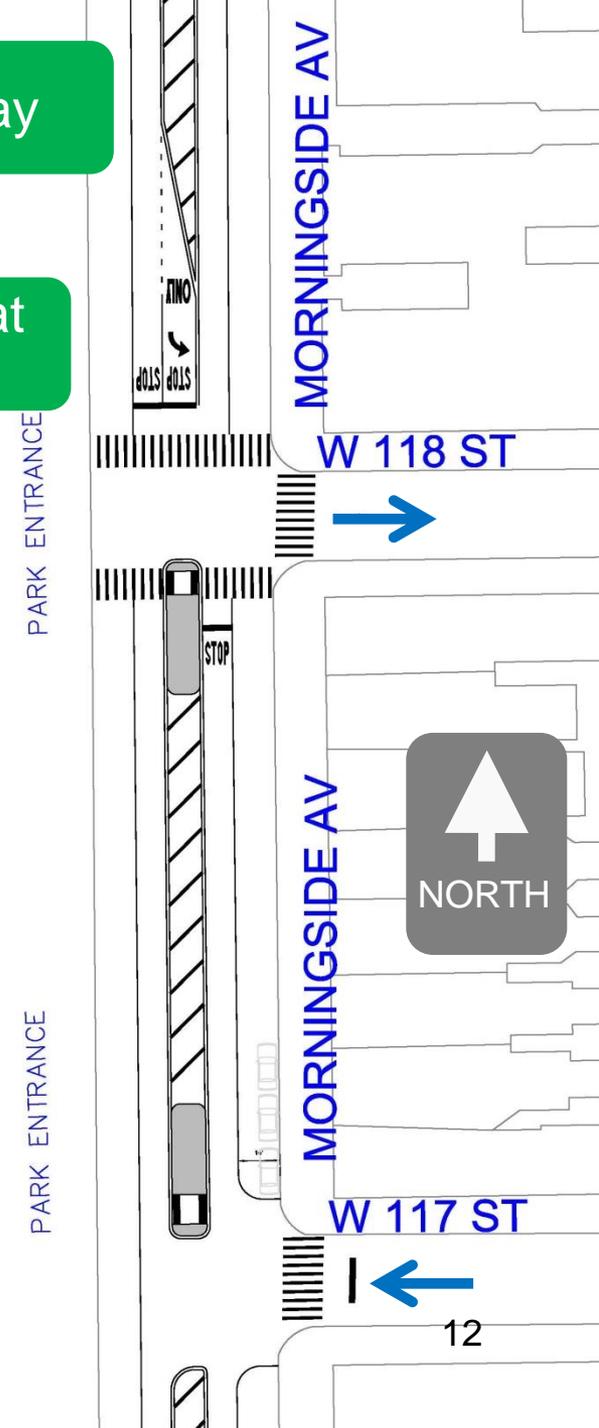
Left turn bay

New Stop Sign at  
W 118<sup>th</sup> St



Lenox Ave & W 125<sup>th</sup> St

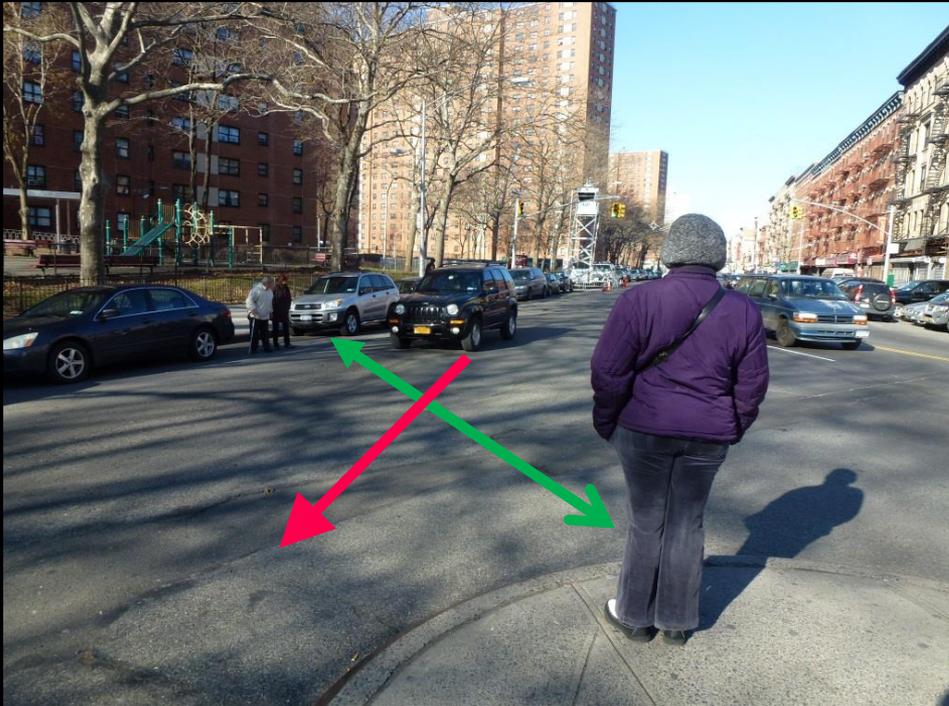
Safer two part crossing



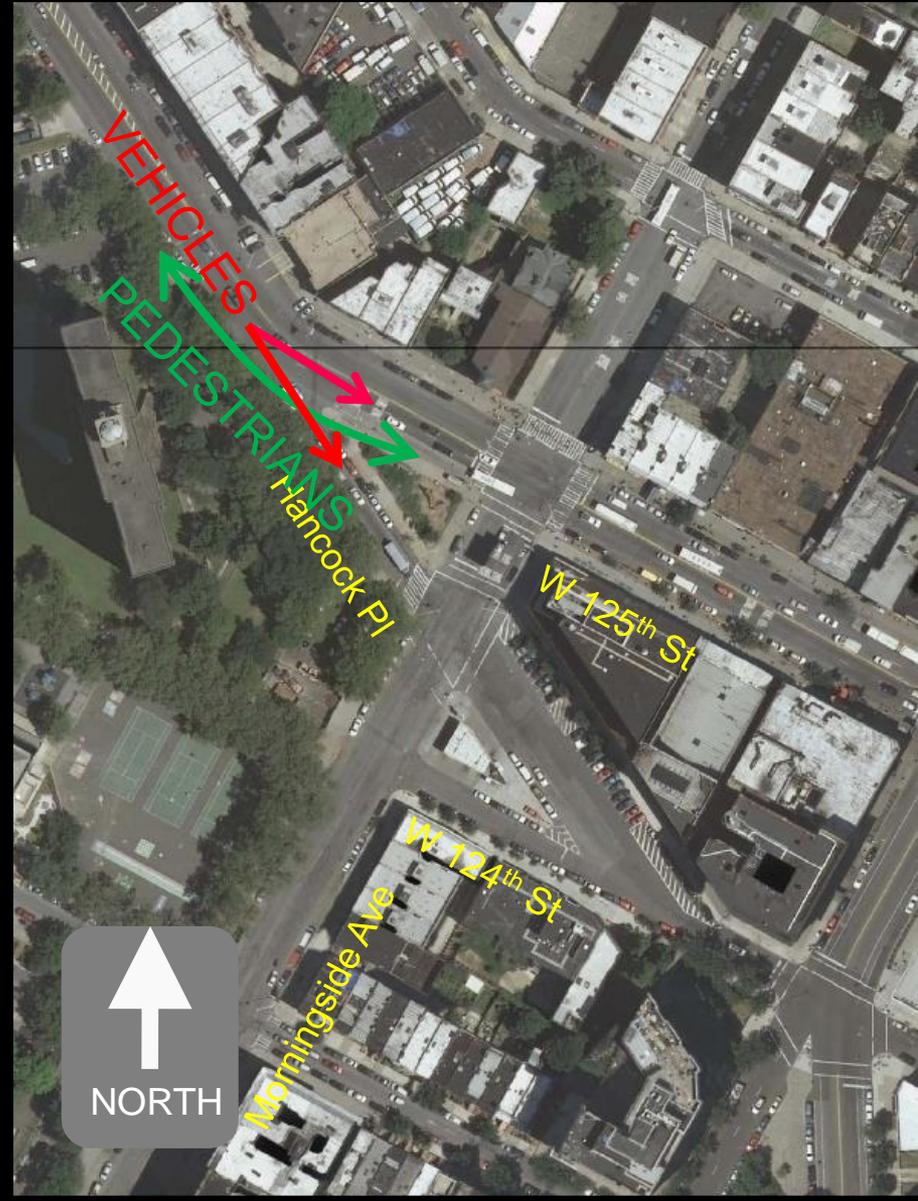
# Morningside Ave and Hancock Pl

## Existing Conditions

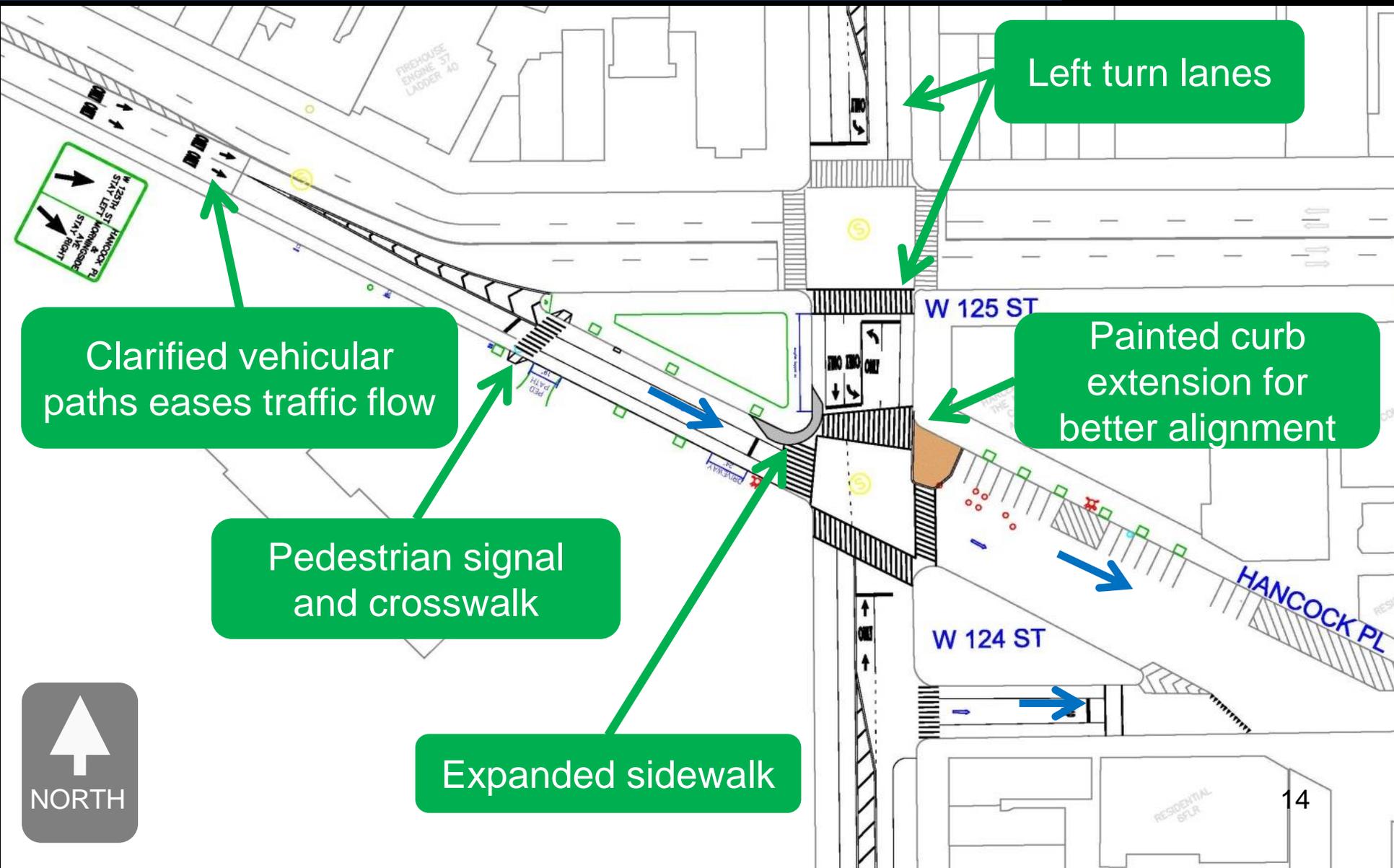
Pedestrian desire line along W 125<sup>th</sup> Street puts them in conflict with cars entering Hancock Place



Over 500 pedestrians cross a hour during PM peak



# Morningside Ave and Hancock Pl Proposal



Left turn lanes

Clarified vehicular paths eases traffic flow

Painted curb extension for better alignment

Pedestrian signal and crosswalk

Expanded sidewalk



# Morningside Ave and W 126<sup>th</sup> Street

## Existing Conditions

North of W 126<sup>th</sup> 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 126<sup>th</sup> Street Proposal

New left turn lanes



W 126 ST

ONLY

ONLY



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 116<sup>th</sup> Street and W 126<sup>th</sup> Street.
2. Construct pedestrian islands on Morningside Avenue at W 123<sup>rd</sup> Street, W 120<sup>th</sup> Street, W118th Street and W 117<sup>th</sup> 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 126<sup>th</sup> Street
6. Add stop sign on Morningside and W 118<sup>th</sup> Street
7. Add pedestrian signal and new crosswalk at Hancock Place



A wide city street with parked cars and trees. The street is lined with trees on both sides, and several cars are parked along the curbs. In the background, there are buildings and a clear sky. A large green circle is overlaid on the right side of the image.

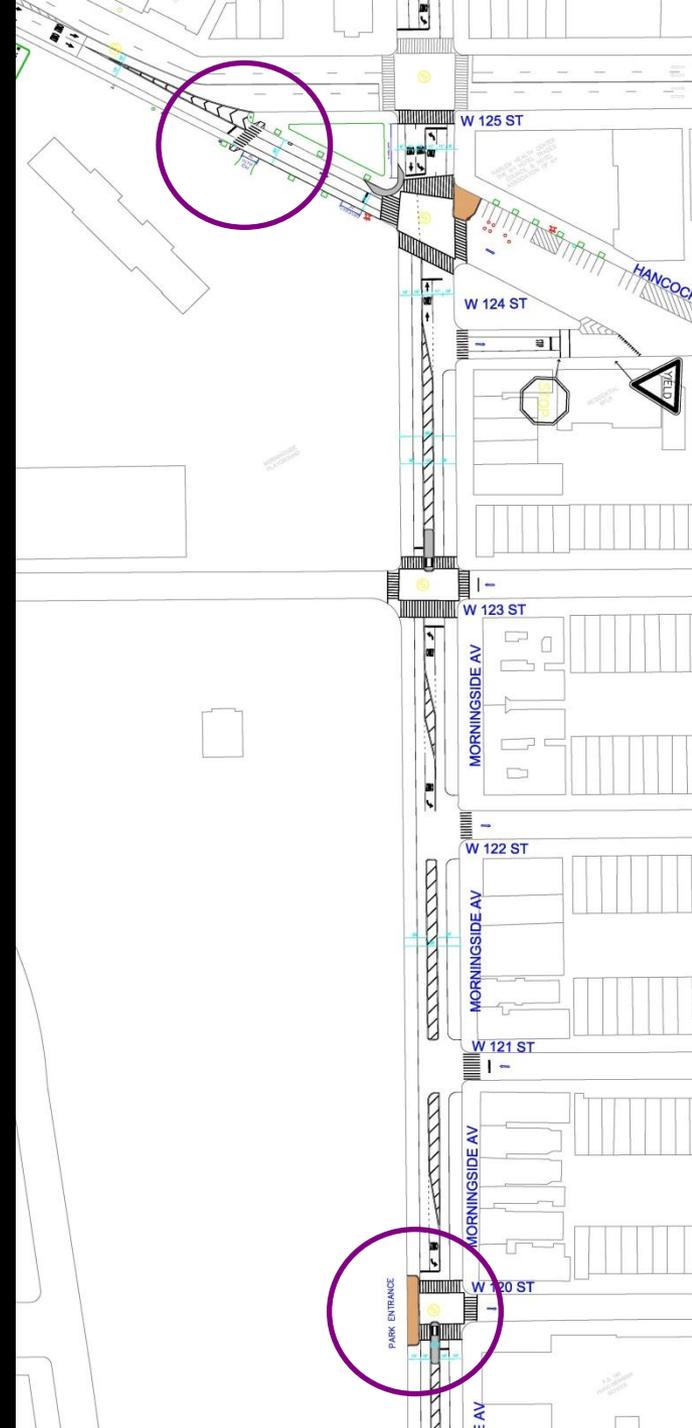
Thank  
You

[www.nyc.gov/dot](http://www.nyc.gov/dot)

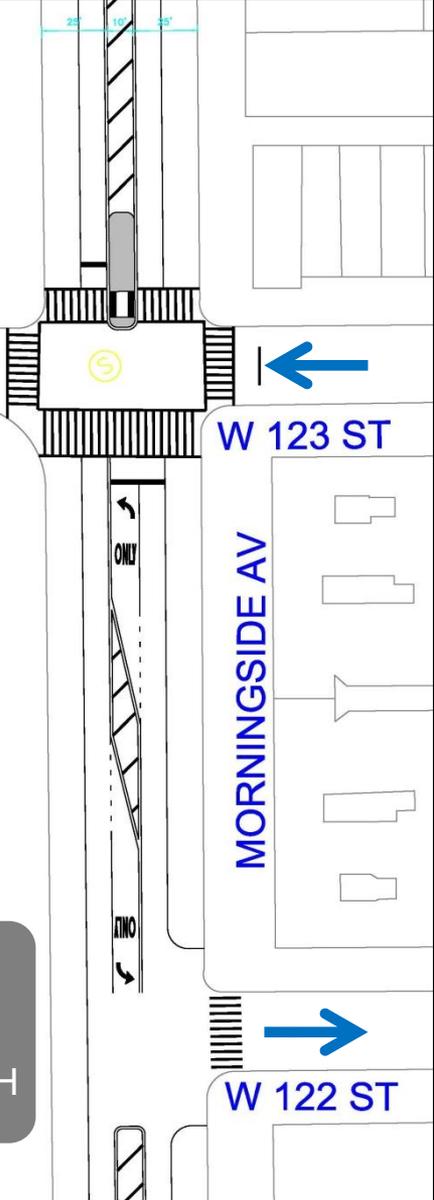
# Parking Summary

Net parking loss of two spaces

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



# W 120<sup>th</sup> and W 123<sup>rd</sup> Streets Proposal



New left turn bays

Safer two part crossing

Wide parking lanes

PARK ENTRANCE

