

# Longwood Avenue

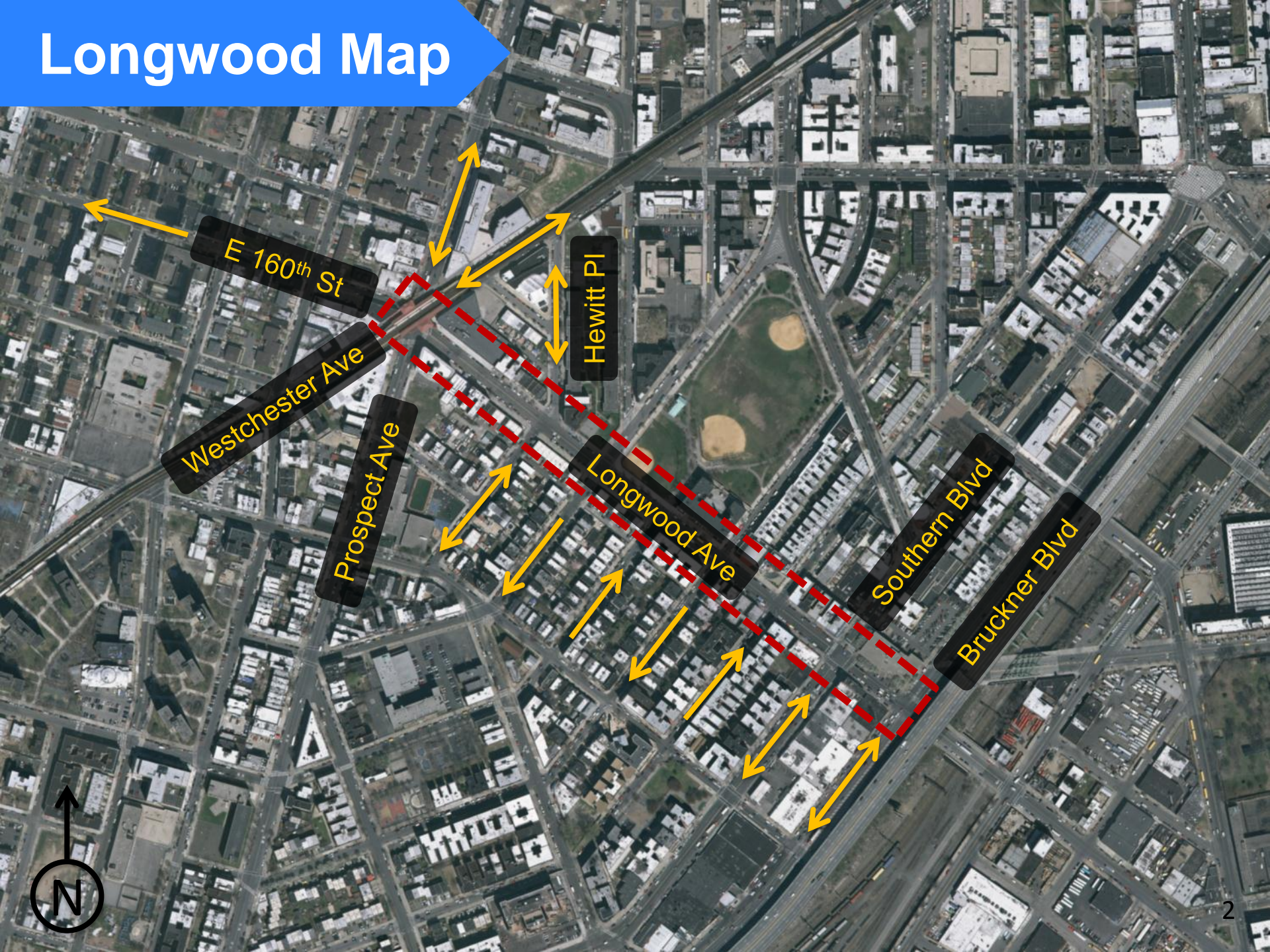
Corridor Safety Improvements

Summer  
2014



Commissioner Polly Trottenberg, New York City Department of Transportation  
Presented by the Pedestrian Projects Group to Bronx CB 2 on June 11, 2014

# Longwood Map



E 160th St

Westchester Ave

Prospect Ave

Longwood Ave

Southern Blvd

Bruckner Blvd

Hewitt Pl



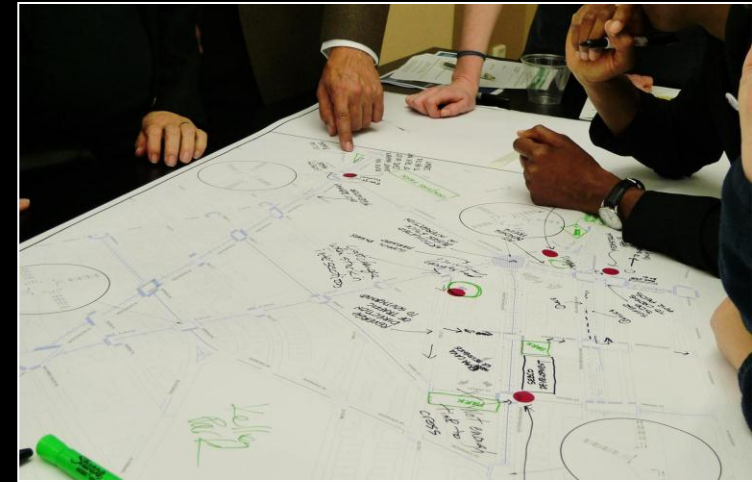
# Longwood Ave – Background

## Community Request

- March 2010 – Need for corridor improvements identified in community workshop

## Crash Data

- Corridor ranking in the 10% of high crash corridors in the Bronx
- Major crash locations along Longwood Ave:
  - Bruckner Blvd
  - Southern Blvd (1 pedestrian fatality in 2010)
  - Westchester Ave & Prospect



Longwood Ave - Westchester Ave to Bruckner Blvd, BX  
Injury Summary, 2008-2012 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	43	3	1	4
Bicyclist	4	2	0	2
Motor Vehicle Occupant	176	10	0	10
Total	223	15	1	16

# Longwood Ave - Existing

Wide road with low traffic volumes

305 vehicles during PM peak southbound at Southern Blvd

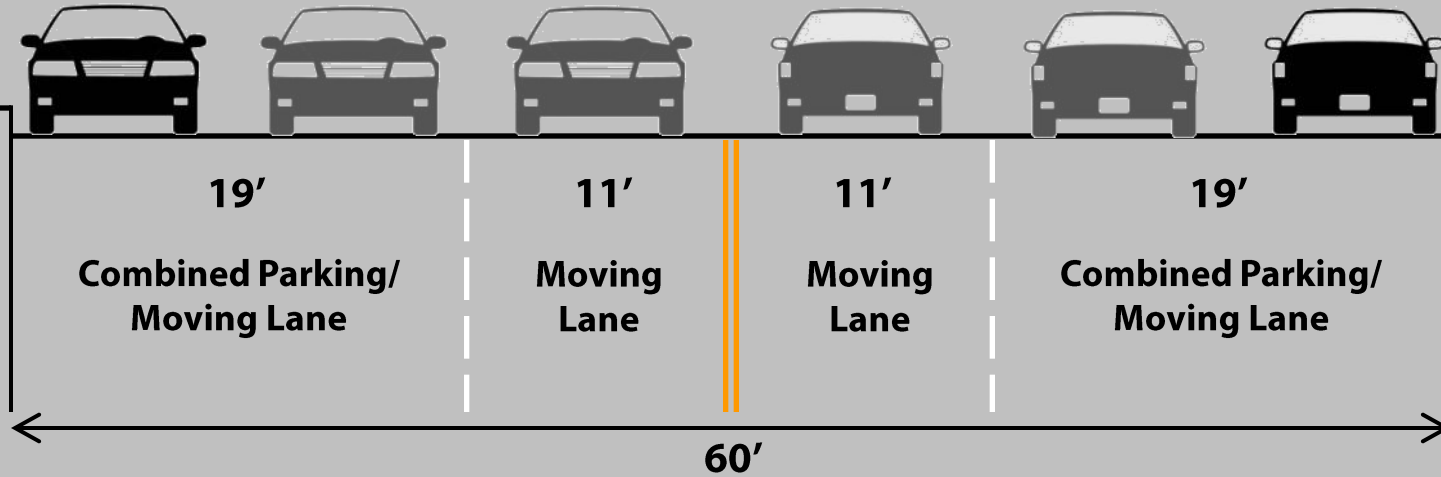


60'

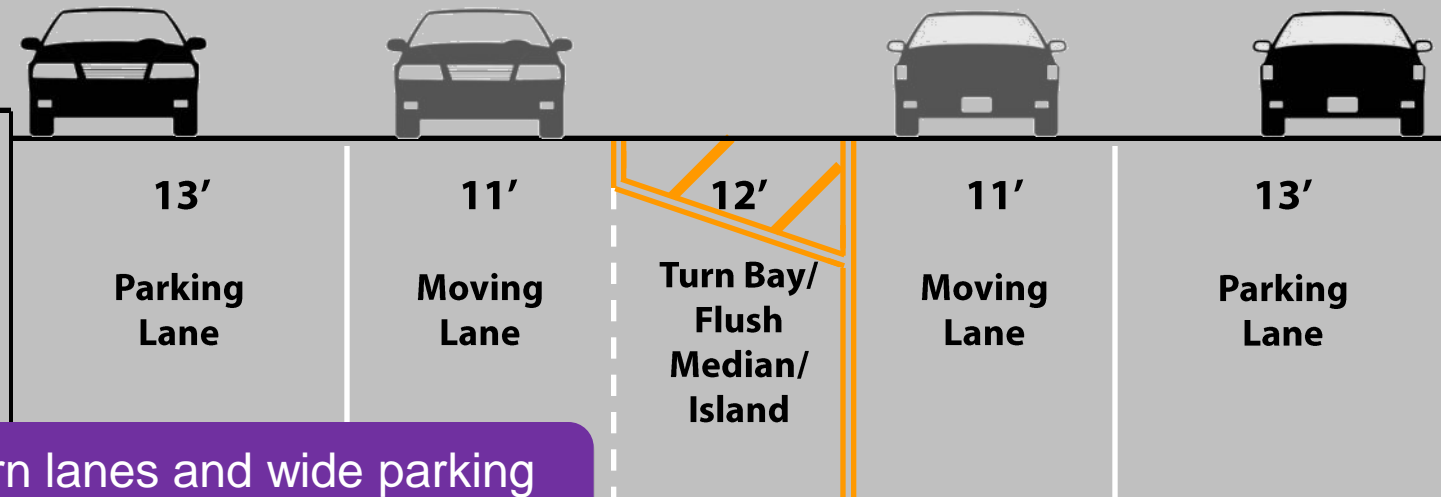
Double parking and left-turning vehicles cause weaving of thru-traffic

# Longwood Ave Profile

**EXISTING**



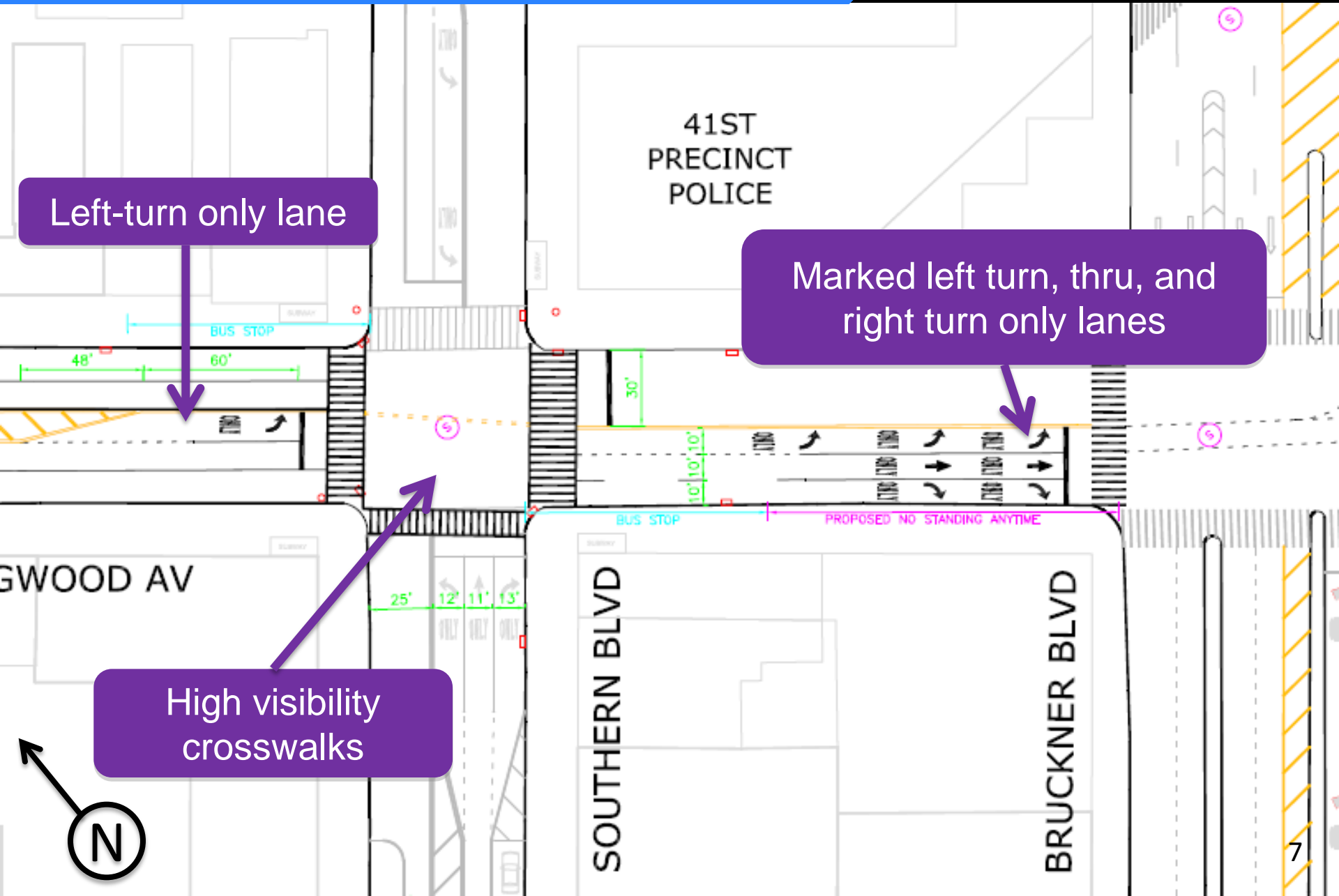
**PROPOSED**



Left-turn lanes and wide parking lanes reduce weaving behavior



# Bruckner Blvd - Proposed



Left-turn only lane

Marked left turn, thru, and right turn only lanes

High visibility crosswalks

41ST  
PRECINCT  
POLICE

GWOOD AV

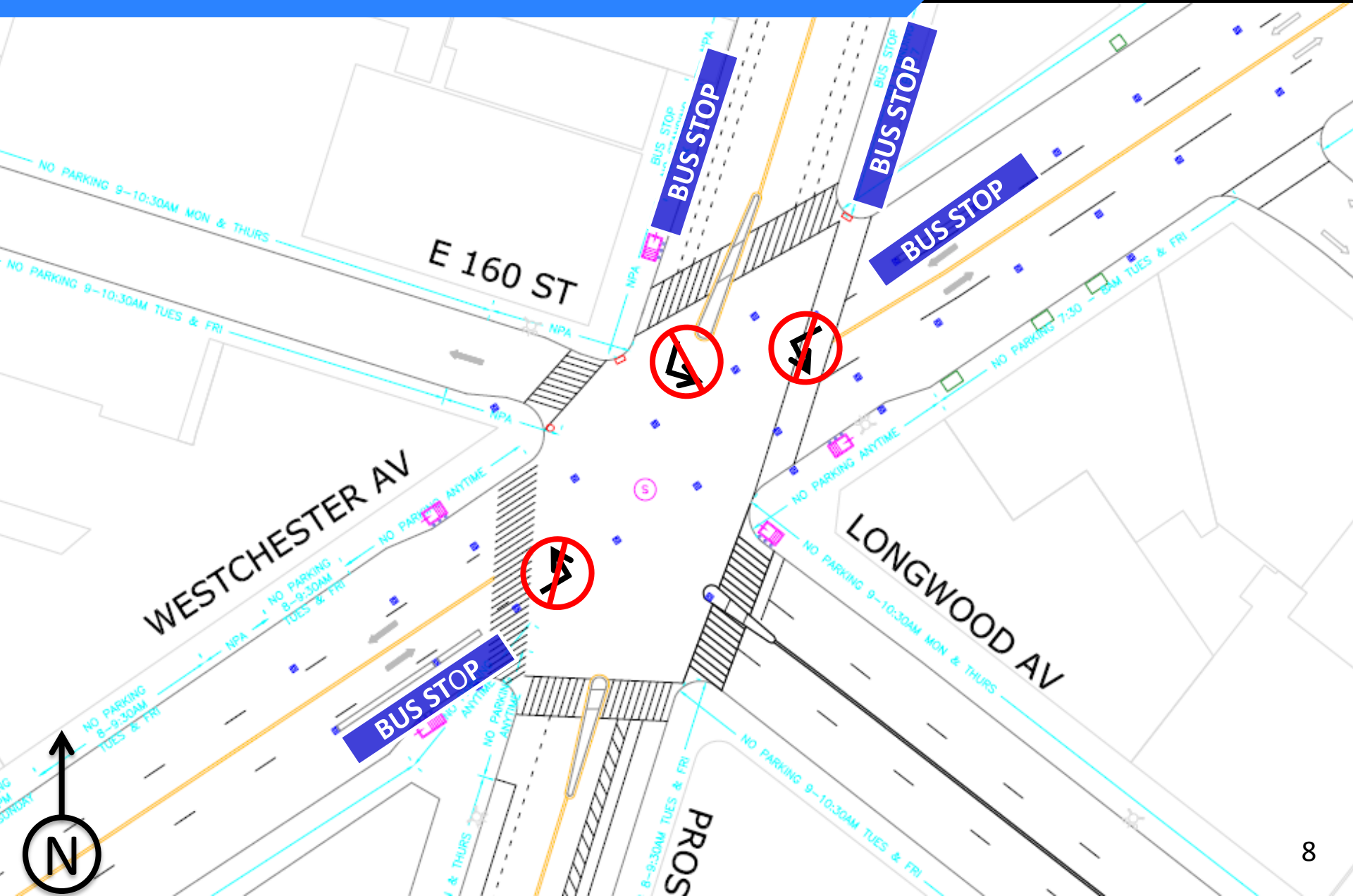
SOUTHERN BLVD

BRUCKNER BLVD

N

7

# Westchester Ave - Existing



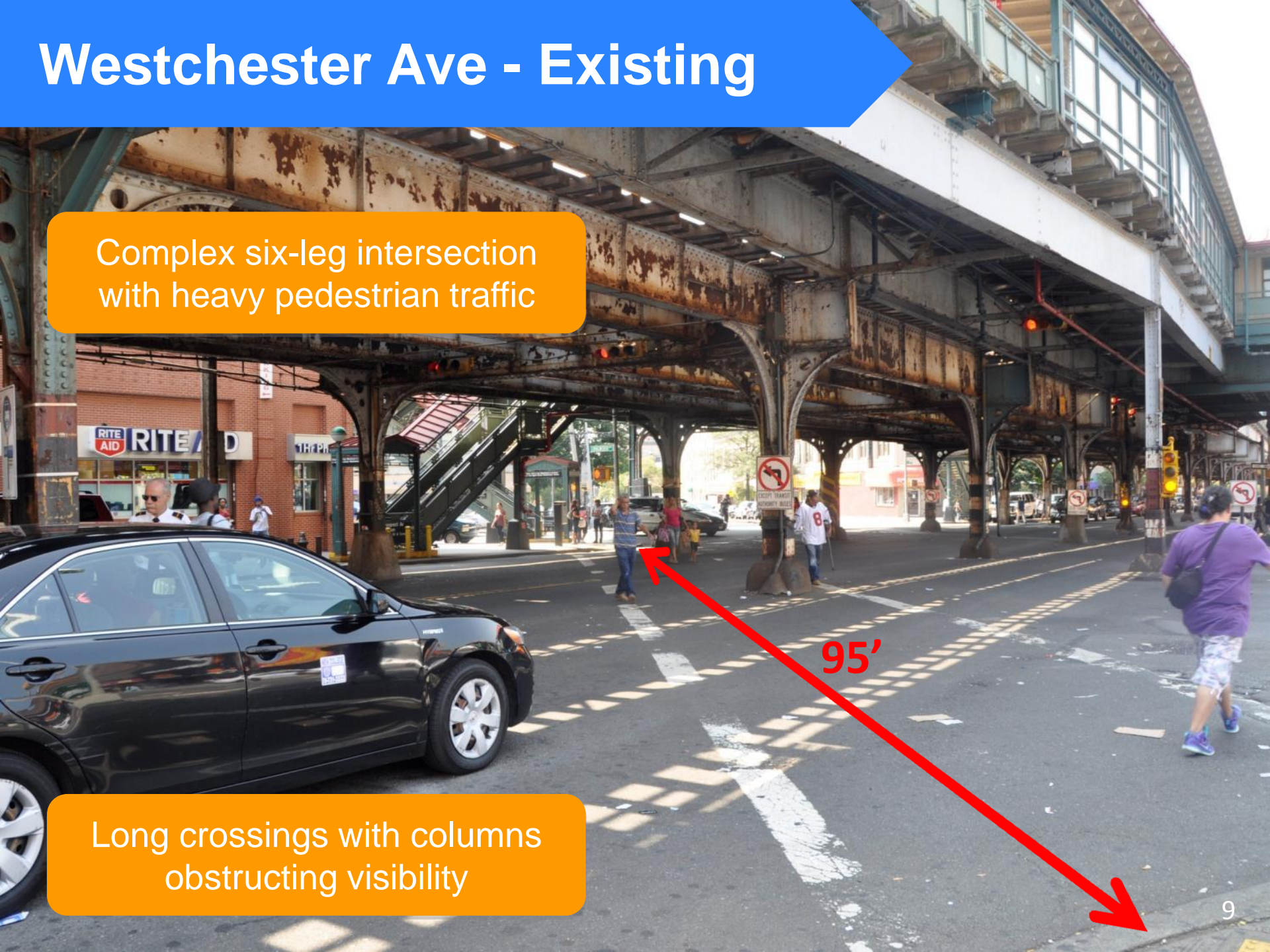


# Westchester Ave - Existing

Complex six-leg intersection with heavy pedestrian traffic

Long crossings with columns obstructing visibility

95'



# Westchester Ave - Existing



Pedestrians crossing  
outside of crosswalk

# Westchester Ave - Existing



Narrow islands for  
Westchester Ave bus stops  
not ADA accessible

# Westchester Ave - Proposed

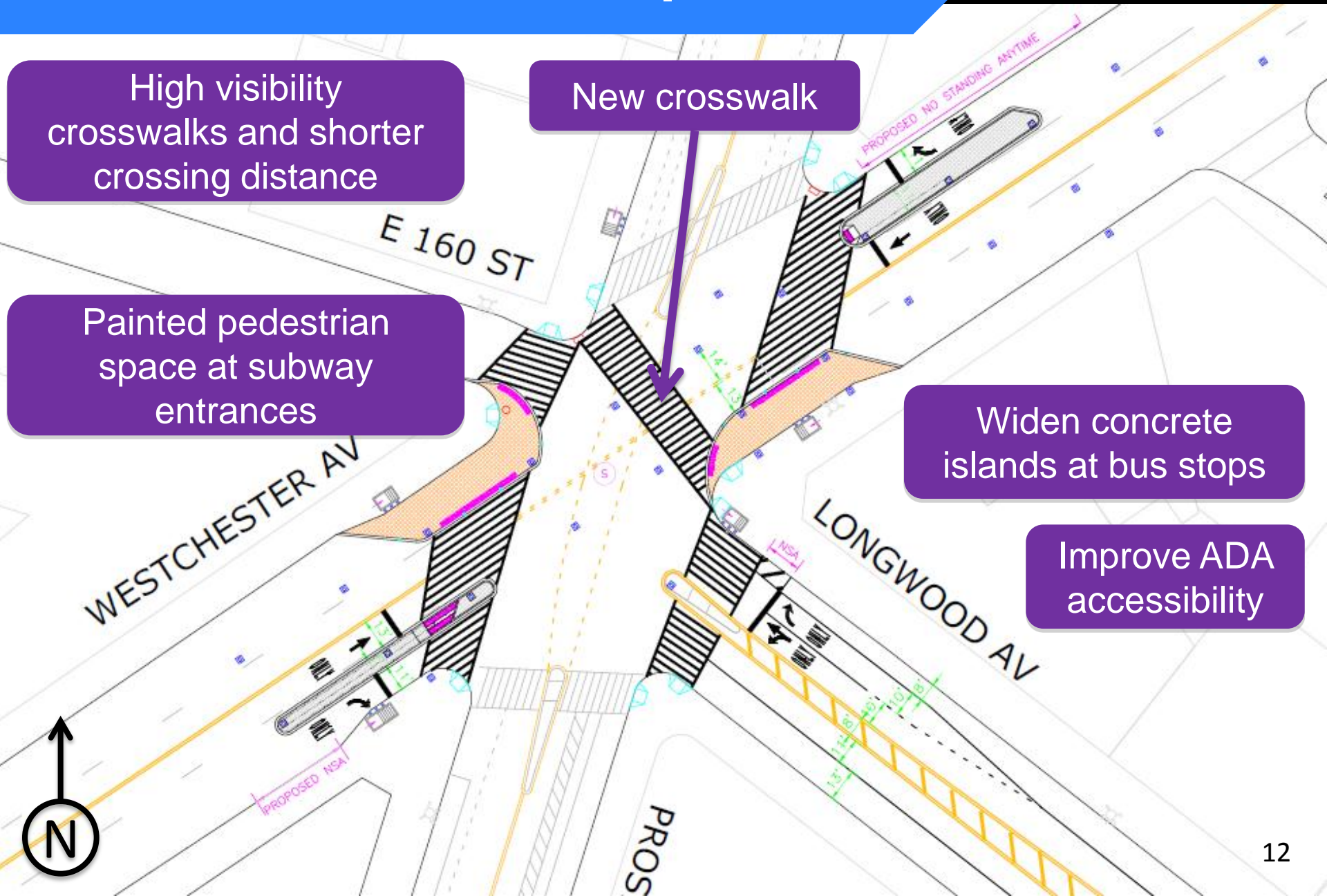
High visibility crosswalks and shorter crossing distance

New crosswalk

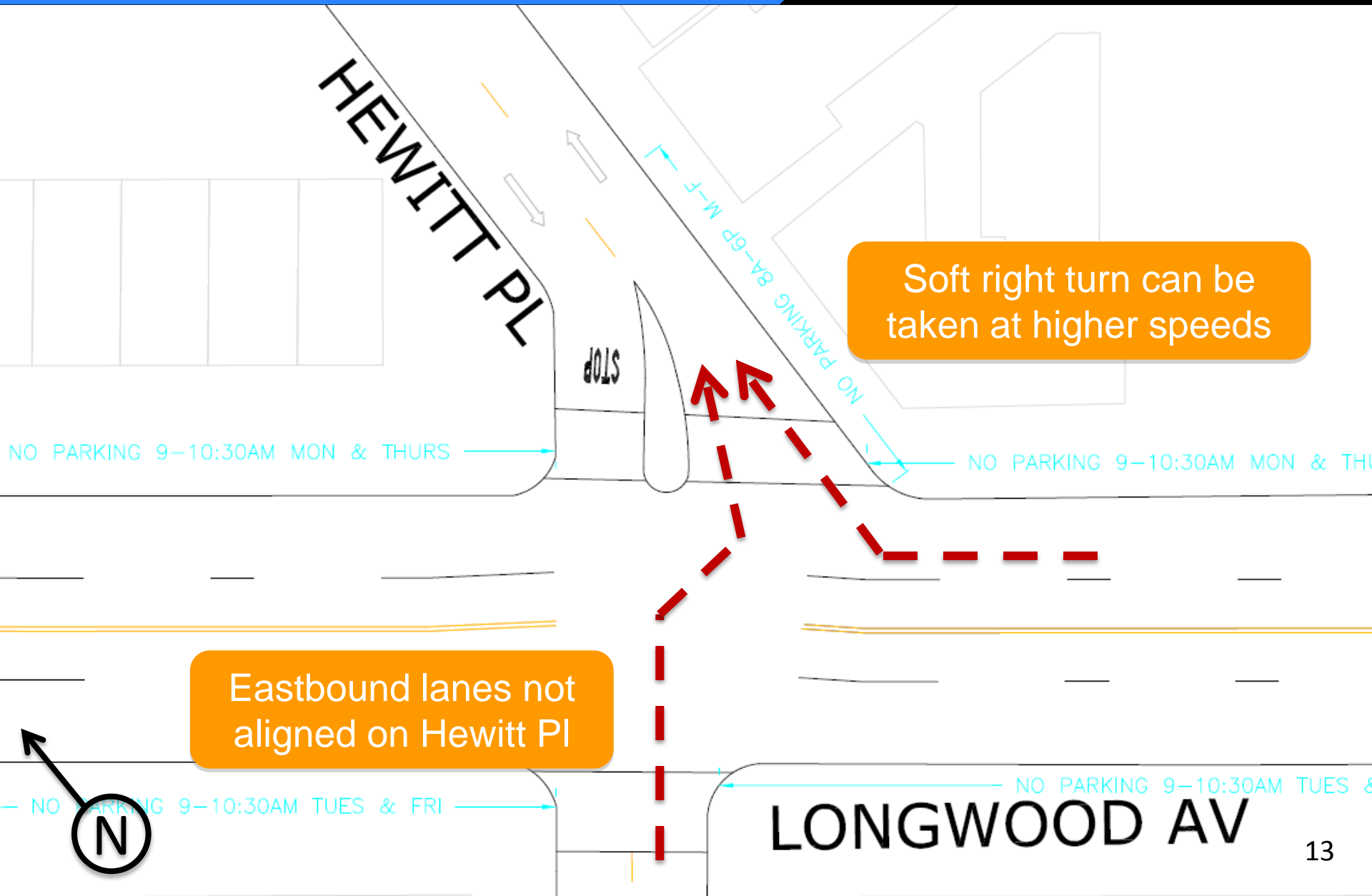
Painted pedestrian space at subway entrances

Widen concrete islands at bus stops

Improve ADA accessibility

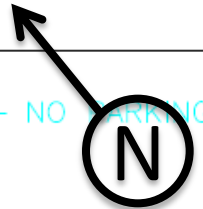


# Hewitt Place - Existing



Soft right turn can be taken at higher speeds

Eastbound lanes not aligned on Hewitt Pl



LONGWOOD AV

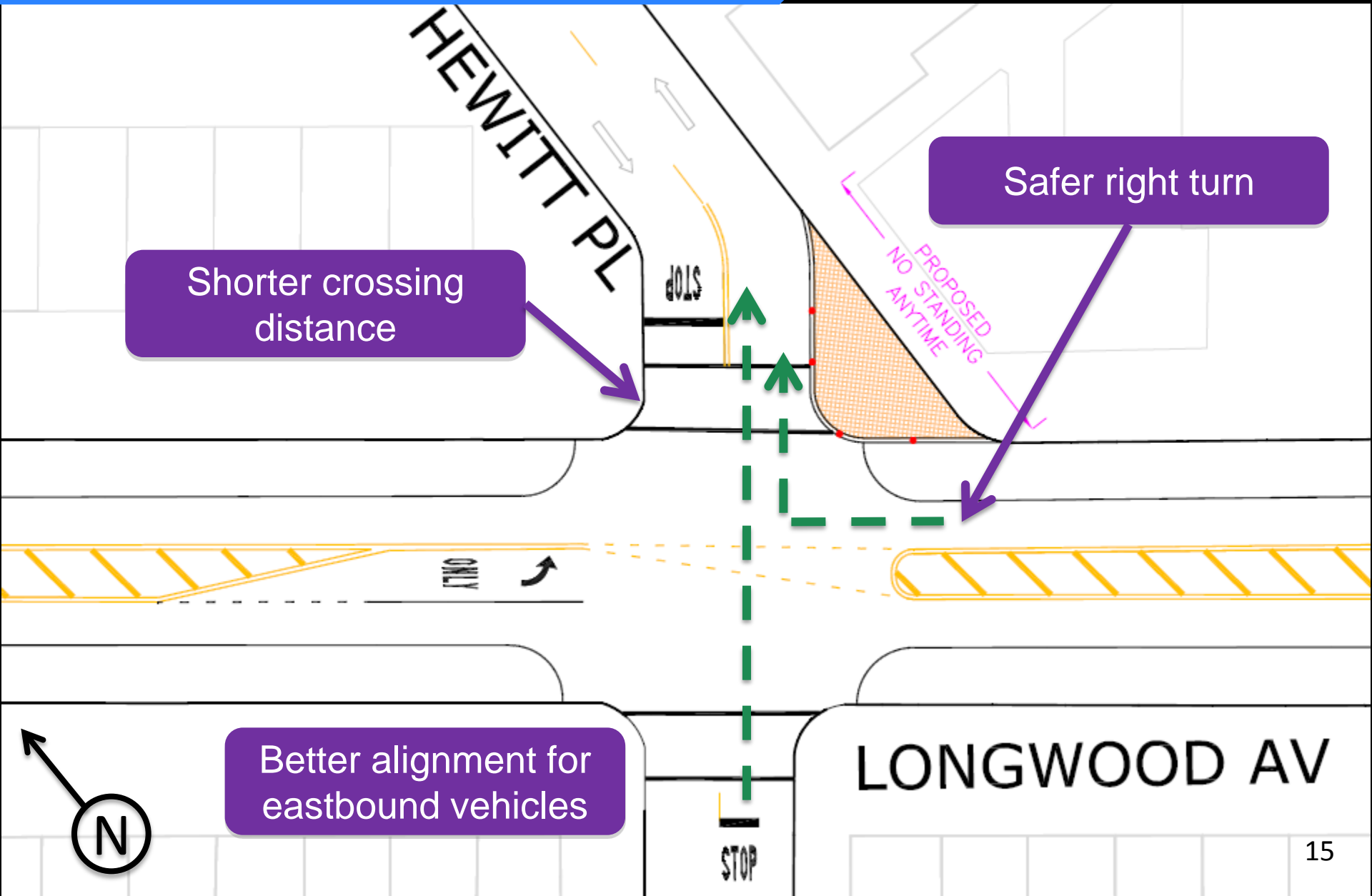
# Hewitt Pl - Existing

Long crossing and fast right-turns from Longwood Ave

Lanes not aligned with Hewitt Pl to the southwest



# Hewitt Place - Proposed



# Expected Benefits



- Traffic calming
- Organized vehicle movements
- Shorter, safer pedestrian crossings
- Increased pedestrian space
- Improved bus stop access



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Thank  
You

