

E 106 St to Randall's Island

Street Safety and Improved Access



Commissioner Polly Trottenberg New York City Department of Transportation
Presented by Greenways Project Group on April 1, 2014 to Manhattan Community Board 11

Central Park to Randall's Island

Background – Regional Context



Central Park to Randall's Island

Background - Neighborhood Context

Open Space

- Central Park
- Waterfront/
Greenway
- Randall's Island
 - Over 50% of
total MN playing
fields

Limited 2-way through streets

- E 116 St
- E 106 St
- E 96 St



Central Park to Randall's Island

Issues Overview

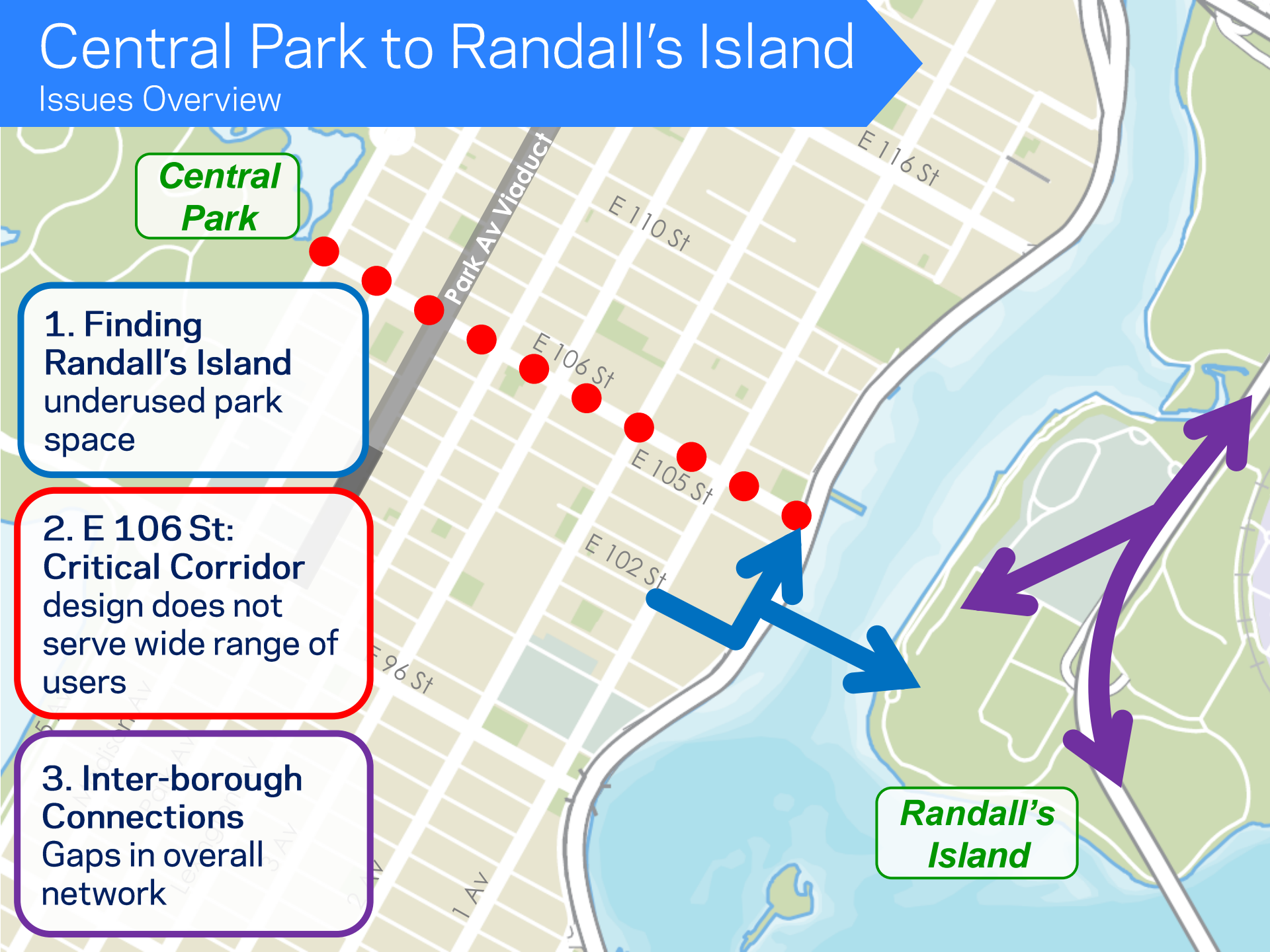
**Central
Park**

**1. Finding
Randall's Island
underused park
space**

**2. E 106 St:
Critical Corridor
design does not
serve wide range of
users**

**3. Inter-borough
Connections
Gaps in overall
network**

**Randall's
Island**



Finding Randall's Island



Insufficient
Signage



1 Av and E 102 St looking east

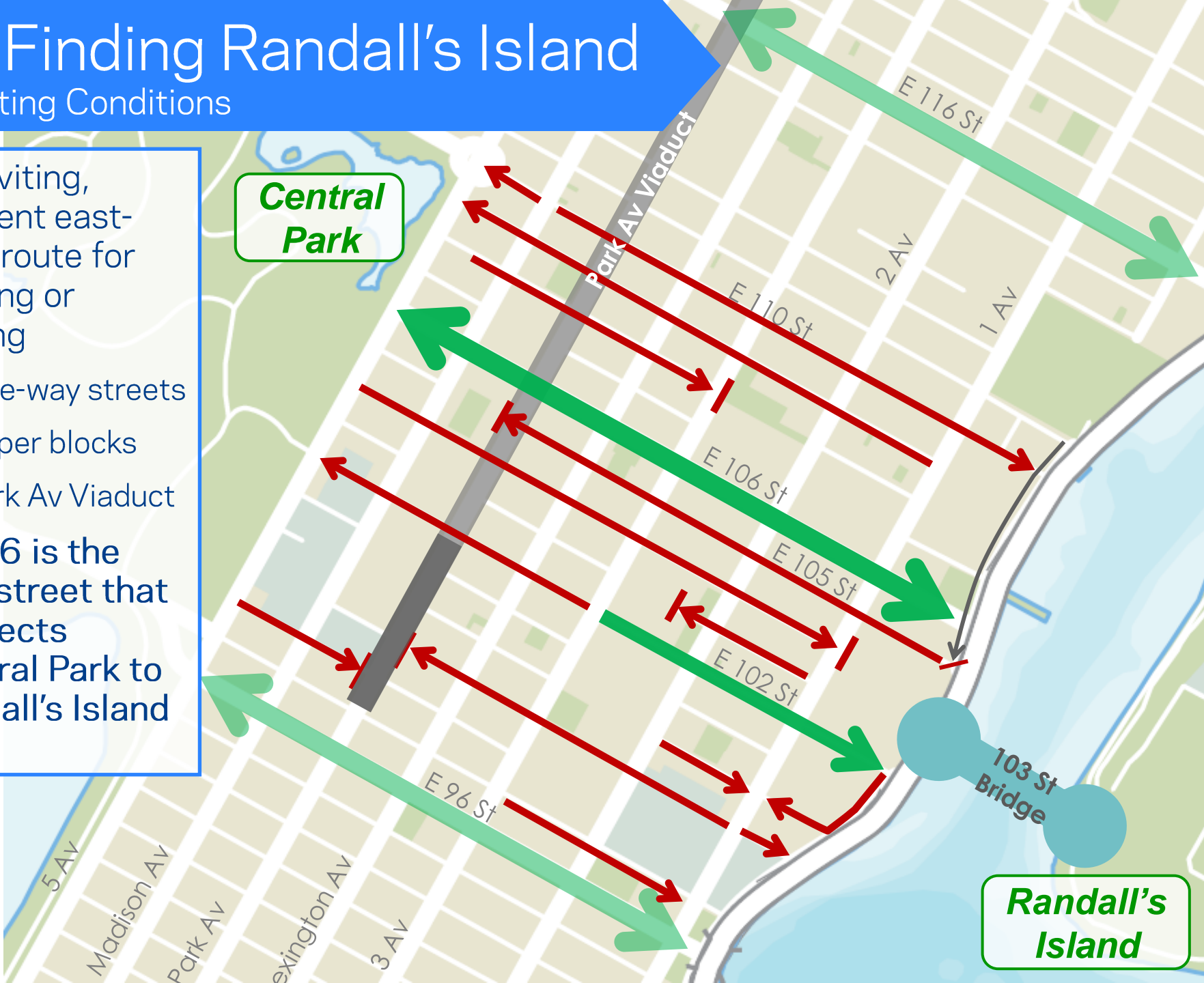
1. Finding Randall's Island

Existing Conditions

No inviting, efficient east-west route for walking or cycling

- One-way streets
- Super blocks
- Park Av Viaduct

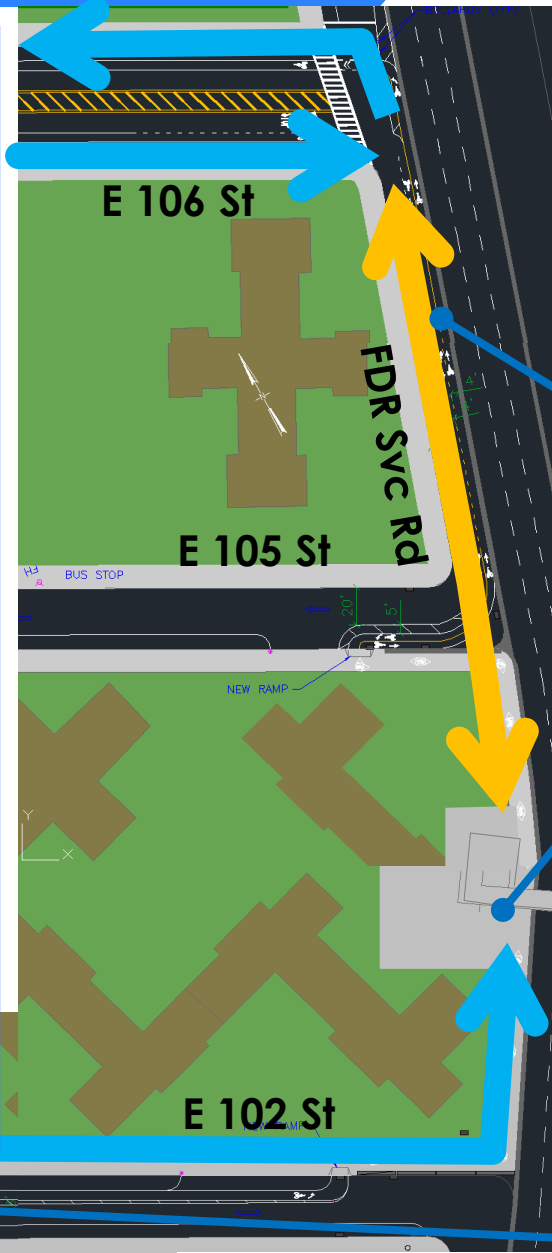
E 106 is the only street that connects Central Park to Randall's Island



1. Finding Randall's Island

Proposed Improvements

- Create a gateway at E 102 St & 1 Av
 - Highlights route to bridge
 - New bike lane
 - Provides additional pedestrian space
- Capitalize on E106 St as a through connection
- Introduce new 2-way path along FDR service road
 - Connect 106 St to bridge access
- No parking loss



Current conditions

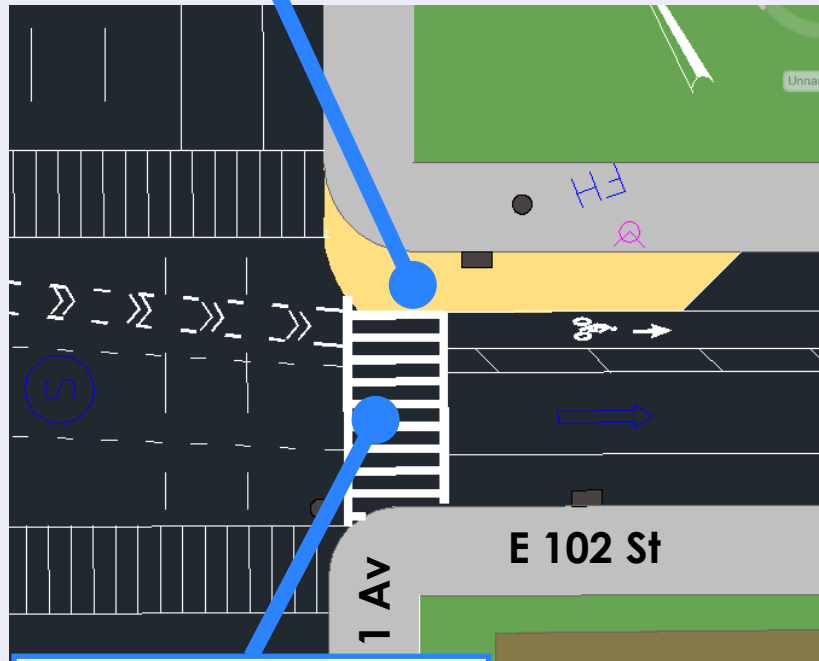


1. Finding Randall's Island

Proposed Improvements – Detail

E 102 St & 1 Av

Visual cue along path to 103 St bridge



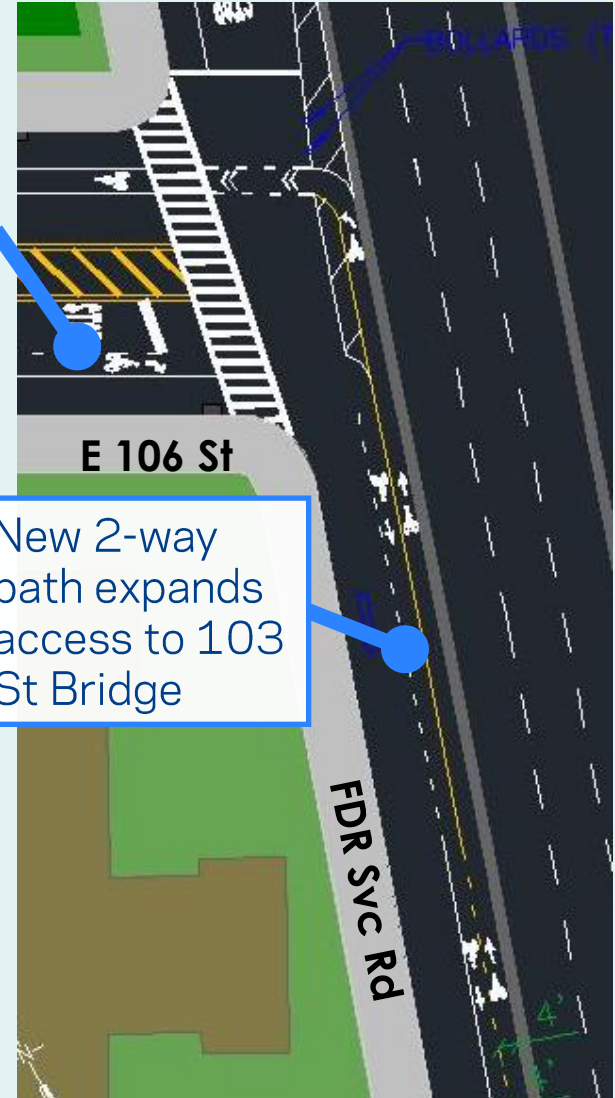
Shorten crossing

Off-street connections to 103 St Bridge



E 106 St, FDR Svc Rd & sidewalk

Create bike-ped friendly access to bridge via 106 St



New 2-way path expands access to 103 St Bridge

Issue # 2

106 St: Critical Corridor

Many destinations with a wide range of users

- high density housing
- hospitals
- schools
- Senior Safety Area



Vision Zero

Mayor, Bill de Blasio's new citywide directive

Goal:

Vision Zero is a plan to systematically address and eliminate preventable traffic crashes

Tools:

- Law Enforcement
- Legislation
- Street Design
- Public Dialogue



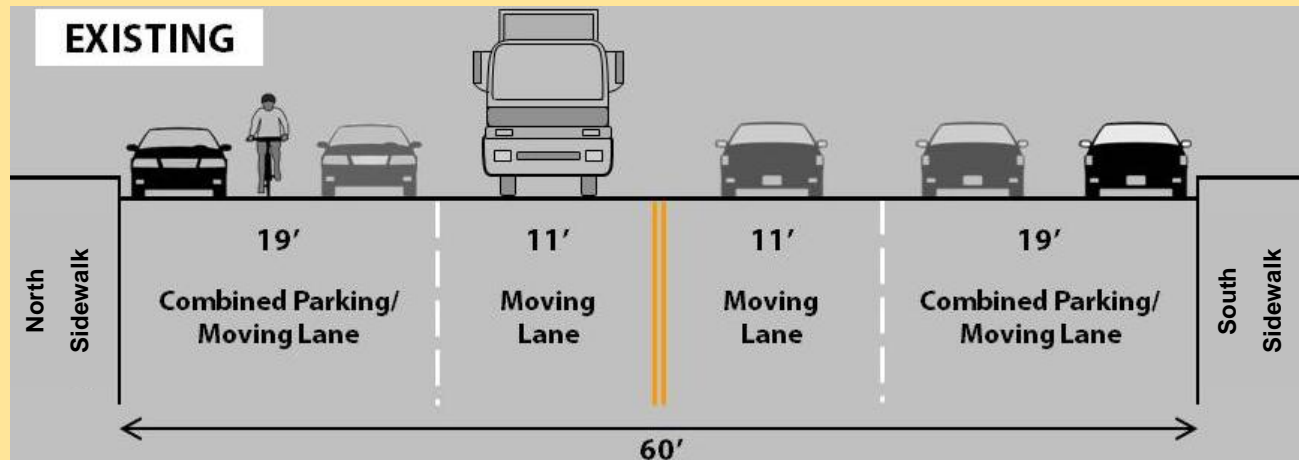
www.nyc.gov/html/visionzero

2. 106 St: Critical Corridor

Existing Conditions

Corridor

- 4 travel lanes
- Curb side Parking
- Low volumes:
 - WB AM Peak 409
 - PM Peak 500
 - EB AM Peak 315
 - PM Peak 368
- High crash corridor
27.1 KSI
- Ranks in top 1/3
of Manhattan
corridors

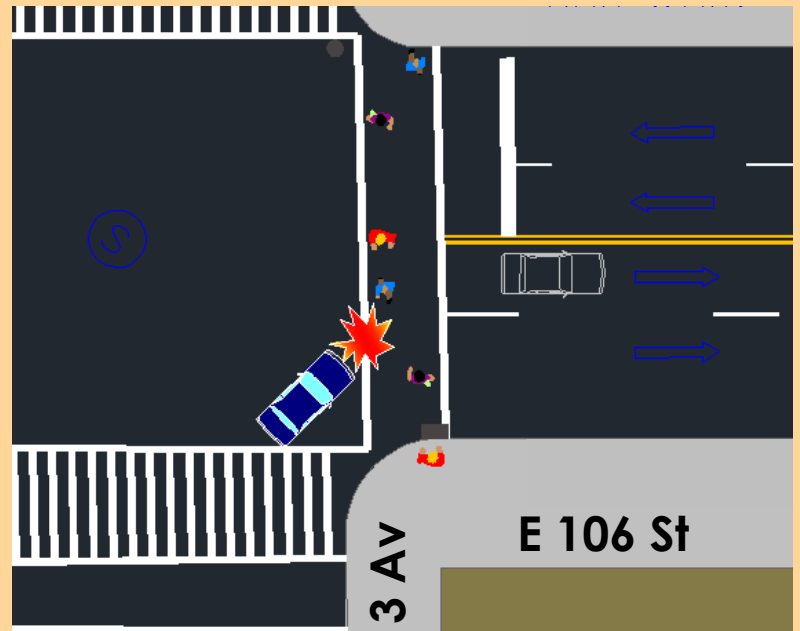


2. 106 St: Critical Corridor

Existing Conditions

Intersection

- Long crossing – 60ft
- Drivers take advantage of wide roadway
- Illegal double right turns



2. 106 St: Critical Corridor

Corridor Solution – Proposed Improvements

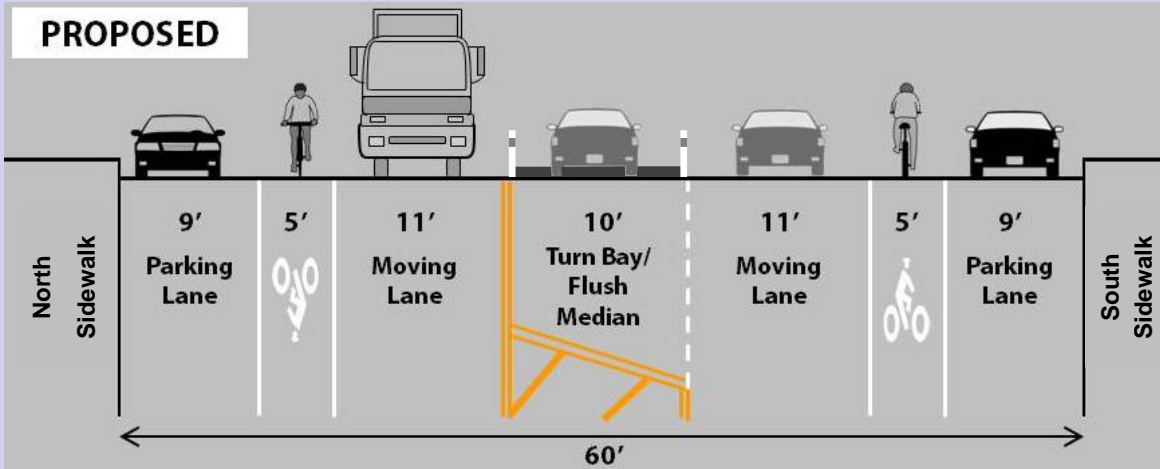
Corridor improvements

Convert 4 lanes to 2 travel lanes + left turn pockets

- Striped center median/turn bay
- Bike Lanes
- Provide options for all users – from 5 Av to FDR Svc Rd



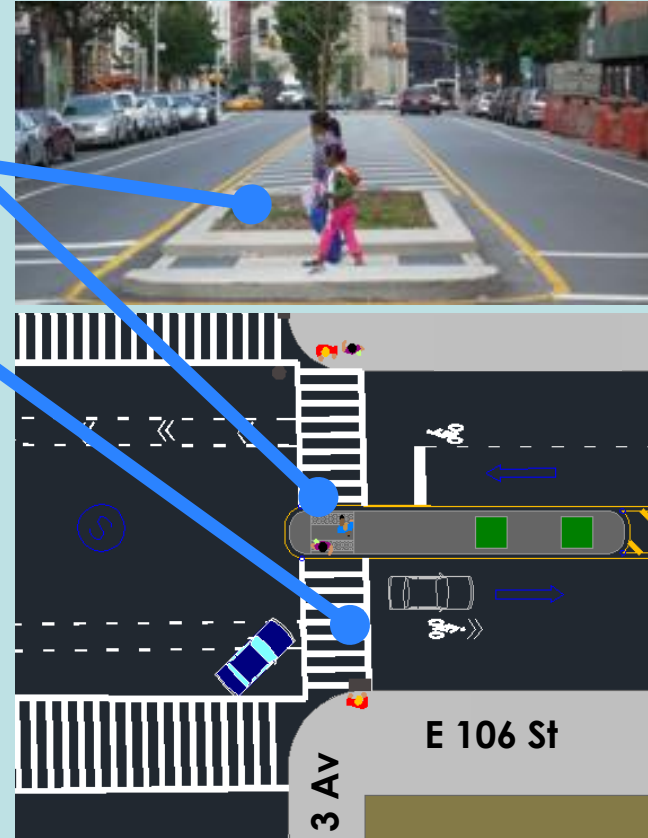
PROPOSED



Intersection improvements

Safe place to wait

Crossings shortened to 25ft

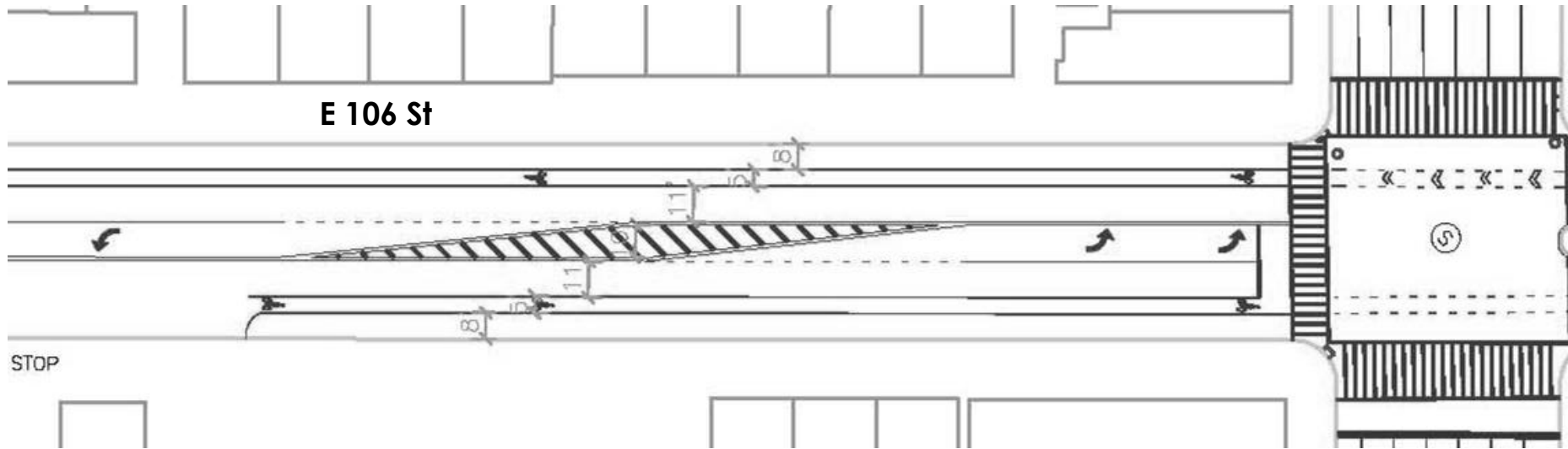


Pedestrian Refuge Islands 3 Av & 2 Av

- Increase visibility for pedestrians & drivers
- Remedy illegal double right turns
- Tighter radius forces cars to slow

E 106 St

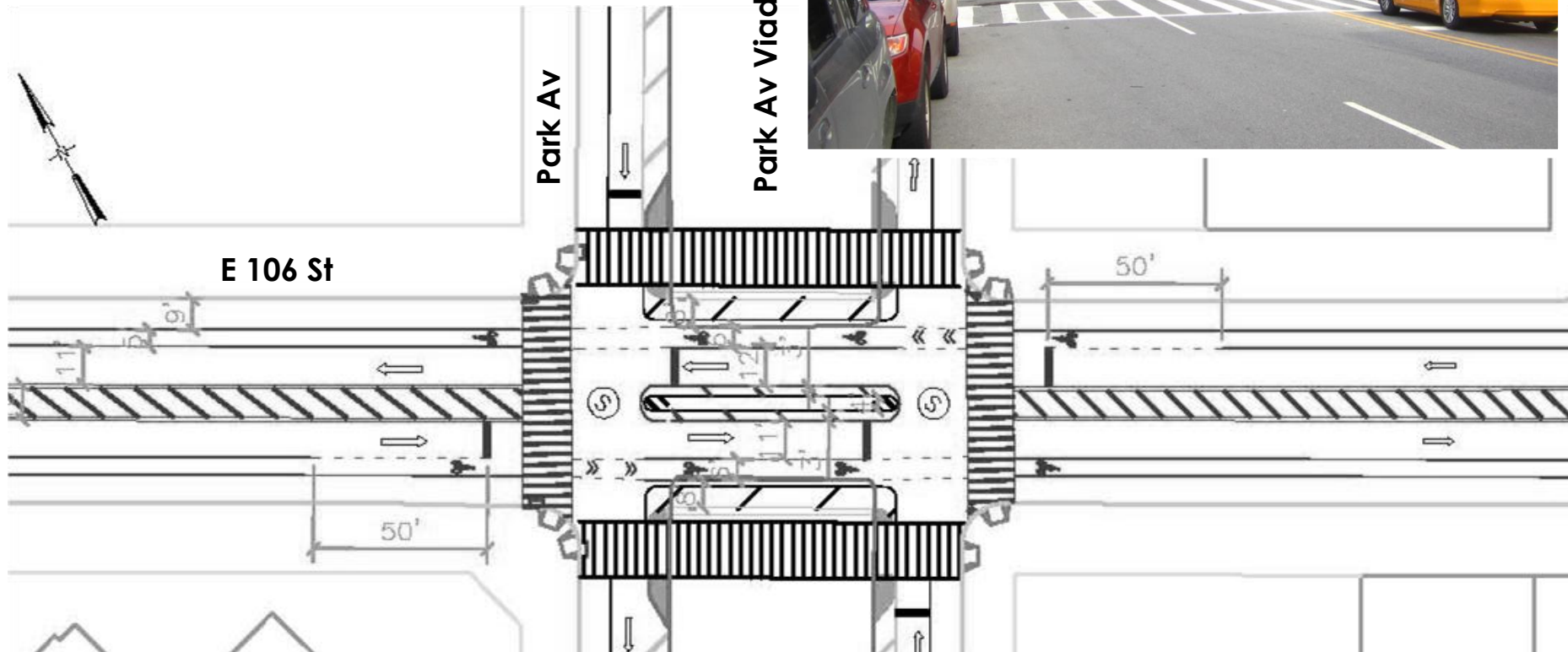
FDR Svc Rd to
Park Av (typical)



E 106 St

Park Av Viaduct

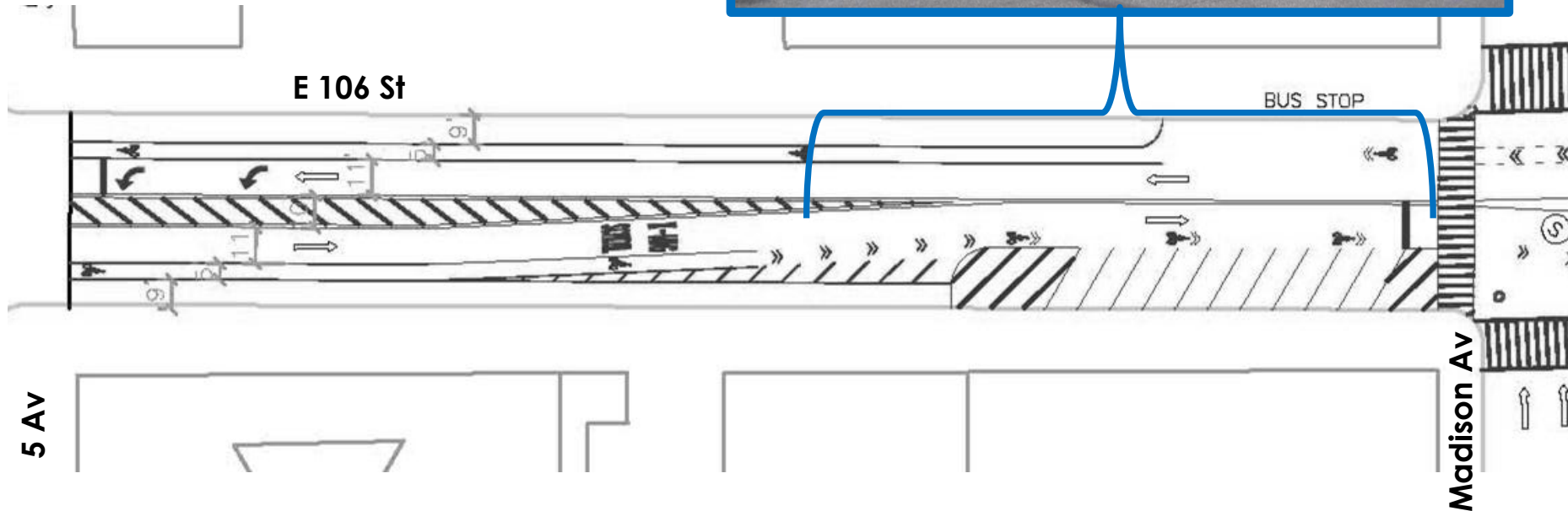
Proposed plan organizes travel lanes through tunnel



E 106 St

Madison Av to 5 Av

Proposed plan leaves existing hospital parking

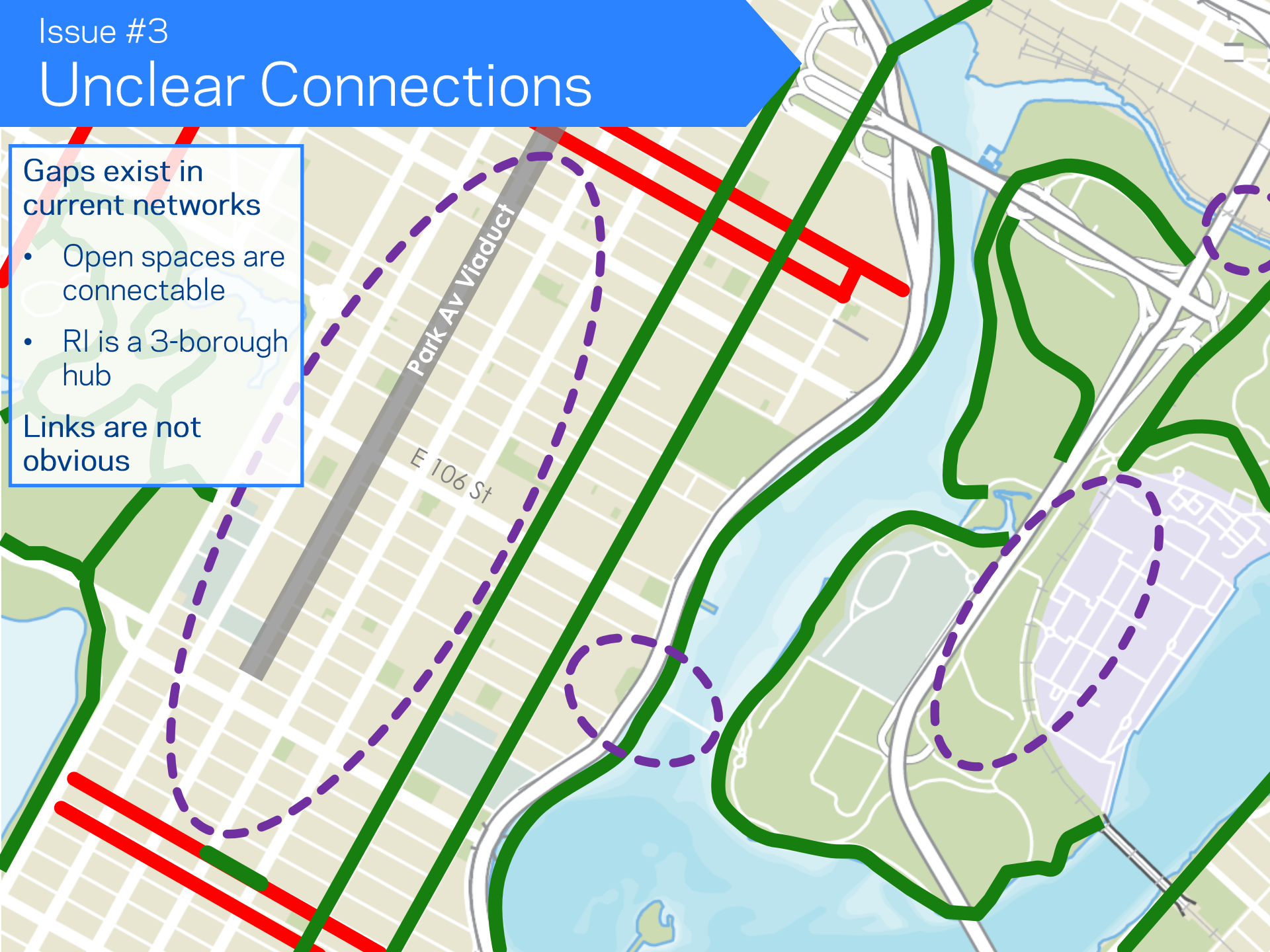


Unclear Connections

Gaps exist in
current networks

- Open spaces are connectable
- RI is a 3-borough hub

Links are not
obvious

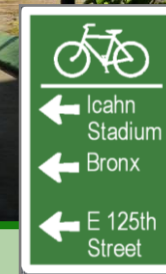


3. Unclear Connections

Proposed Improvements

- Wayfinding signage
- Street markings
- Roadway organization

Reveal recreational
& commuting opportunities



Central Park to Randall's Island

Summary – Proposed Improvements

1.) Finding Randall's Island

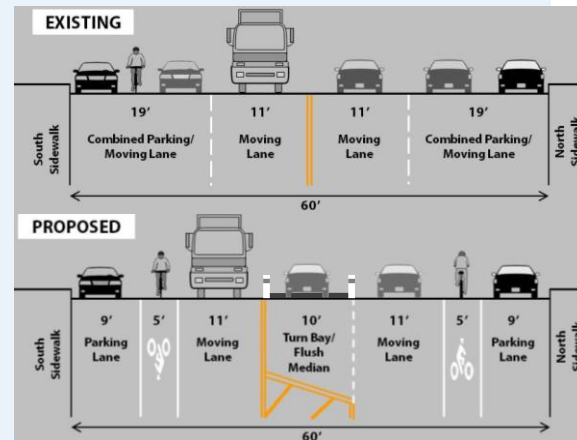
Highlight access to hidden 103 St Bridge



2.) E 106th St: Create Complete Street

Connects Central Park to RI & Greenway

Improved design serves wider range of users



3.) Clarify Connections

Reveal recreational & commuting networks with signage & visual cues





www.nyc.gov/dot

**Thank
You**