

Harlem River Park Gateway

Fall
2010



Commissioner Janette Sadik-Khan New York City Department of Transportation
Presented on October 5, 2010 at Community Board 11 – Pedestrian Projects Group



Harlem
Community
Development
Corporation



Background

Safety Goals

- Improve safety and visibility
 - Safer crosswalks
 - Simplified intersections
 - Tame traffic
- Enhance access to Harlem River Park

Harlem River Park Gateway Project Area 2004-2009

	Total Injuries	Avg Inj/Yr
Pedestrian	30	6
Bicyclist	7	1.4
Motor Vehicle Occupant	171	34.2
Total	210	41.6

Fatalities (2004-2008)

1 Motor Vehicle Occupant
1 Pedestrian

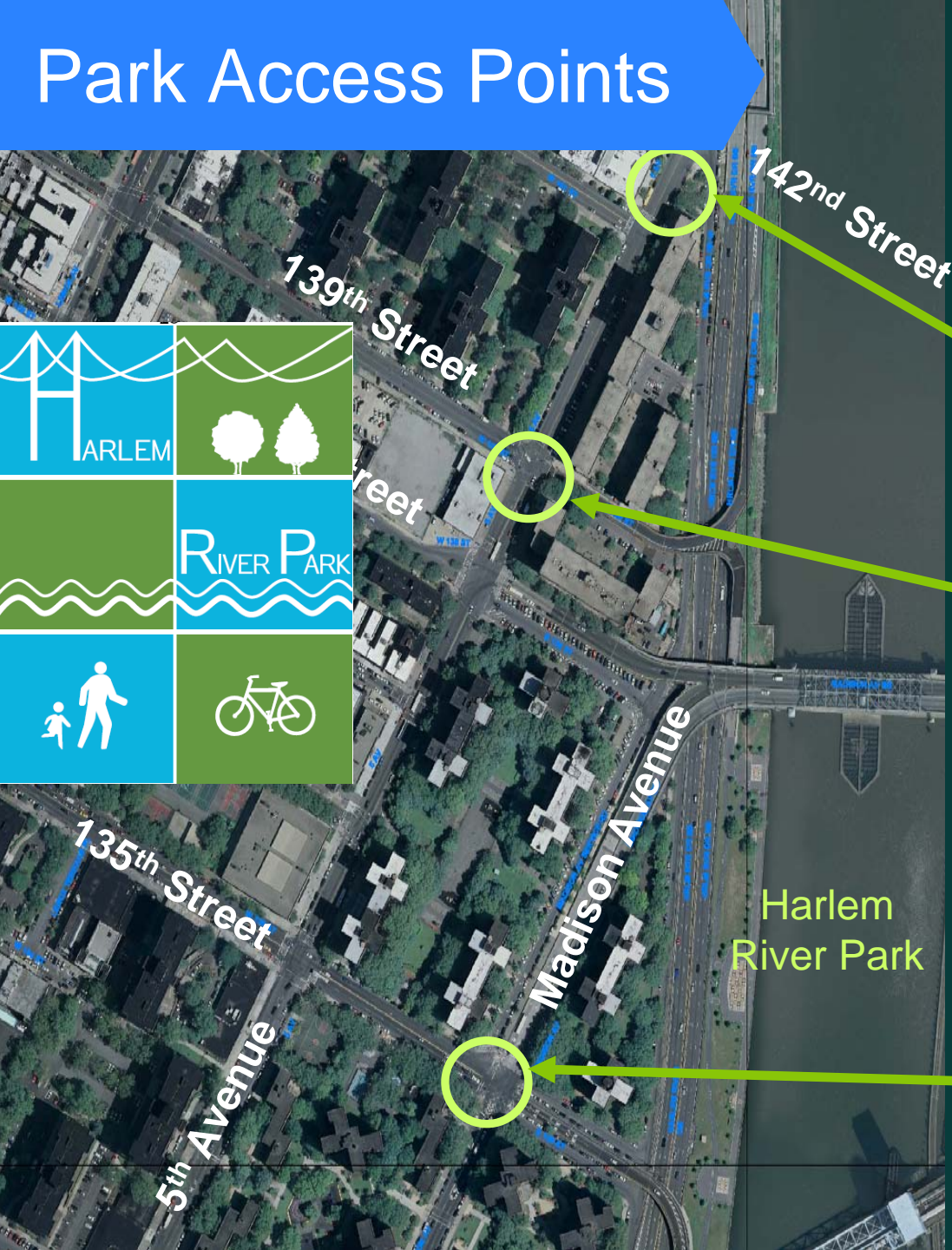
Injury
Report

*Intersections Included:

135th and Madison, 135th and 5th, 136th and 5th,
137th and 5th, 138th and 5th, 139th and 5th,
141st and 5th, 142nd and 5th



Park Access Points



Harlem River Park Timeline

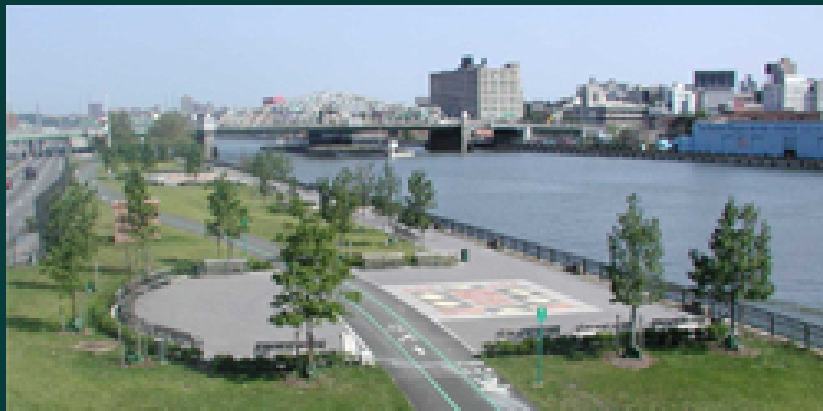


- 2001 – Harlem River Park Task Force founded
- 2002 – Completed Phase I (132nd – 138th)
- 2009 – Task Force & Transportation Alternatives issue “Connecting Parks, Health, and Pedestrian Safety” report
- 2009 – Task Force & Transportation Alternatives present safety improvements to CB 11
- 2009 – Completed Phase II (138th – 142nd) & Phase III (142nd – 145th)

Proposed Safety Improvements

- 2010 – DOT improves access to newly completed park

54,000 sq. ft of new park space

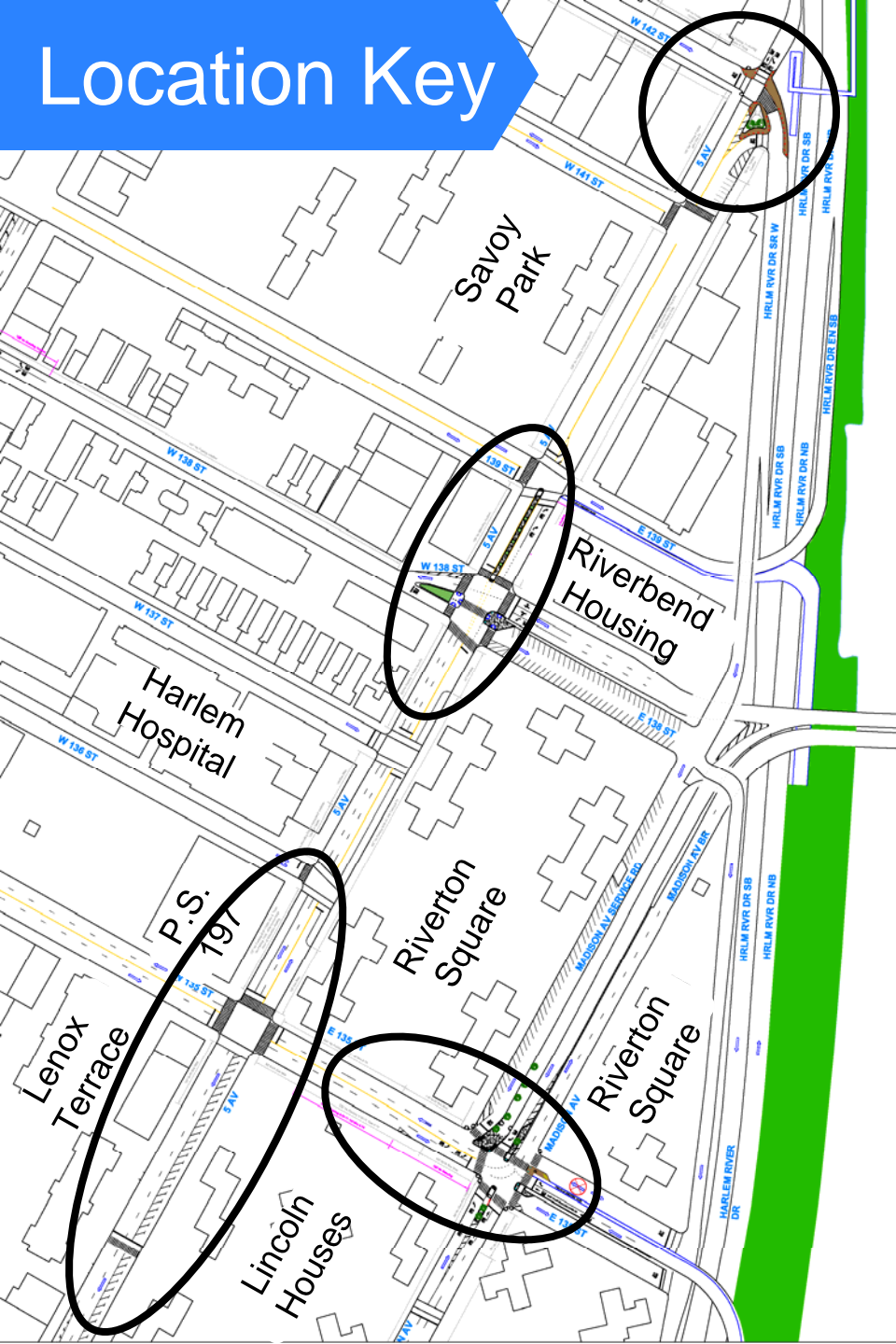


Quick Project Toolkit

- Pavement markings
- Signal timing
- New signage
- Painted and/or textured surfaces
- Concrete islands
- Flexible delineators

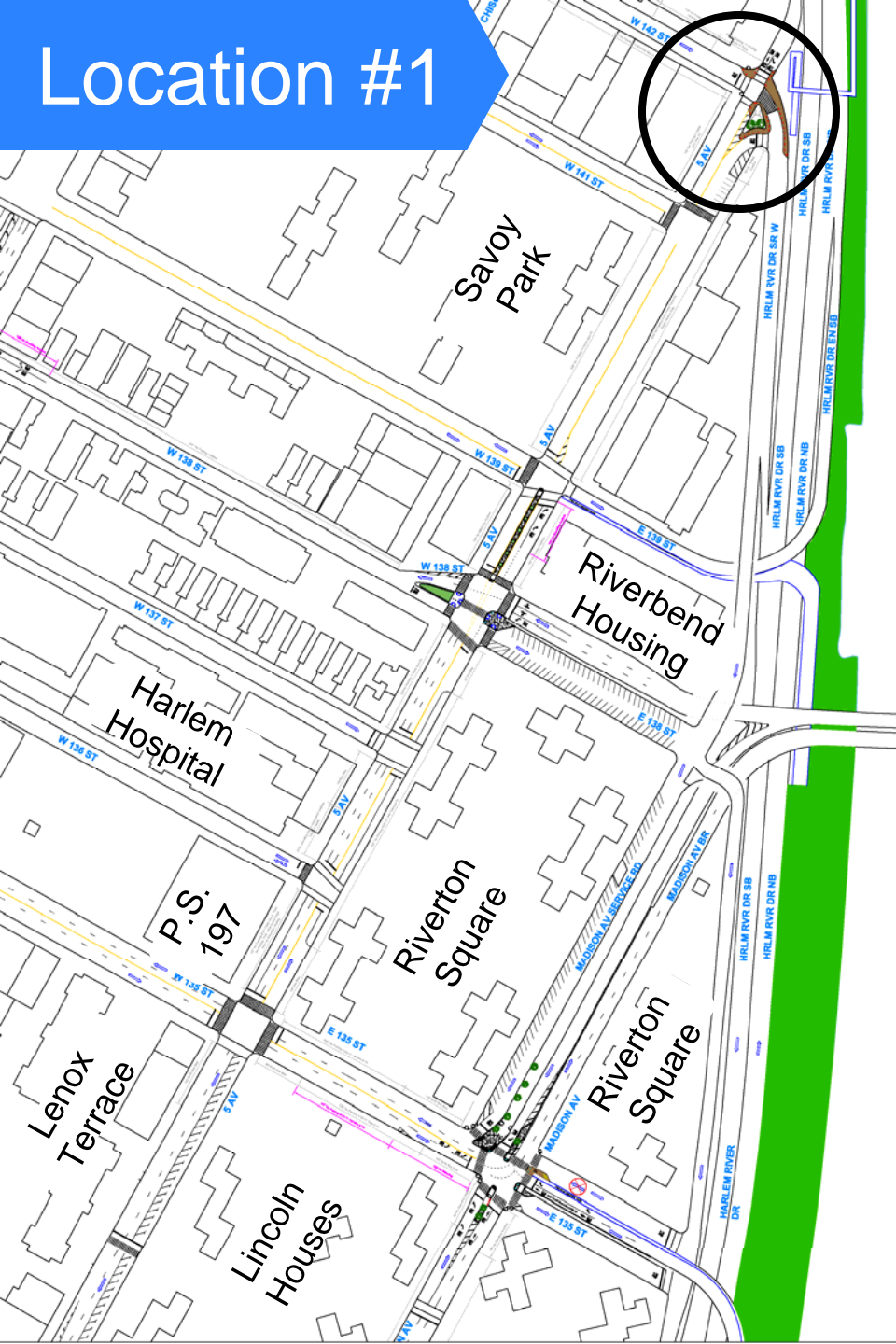


Location Key



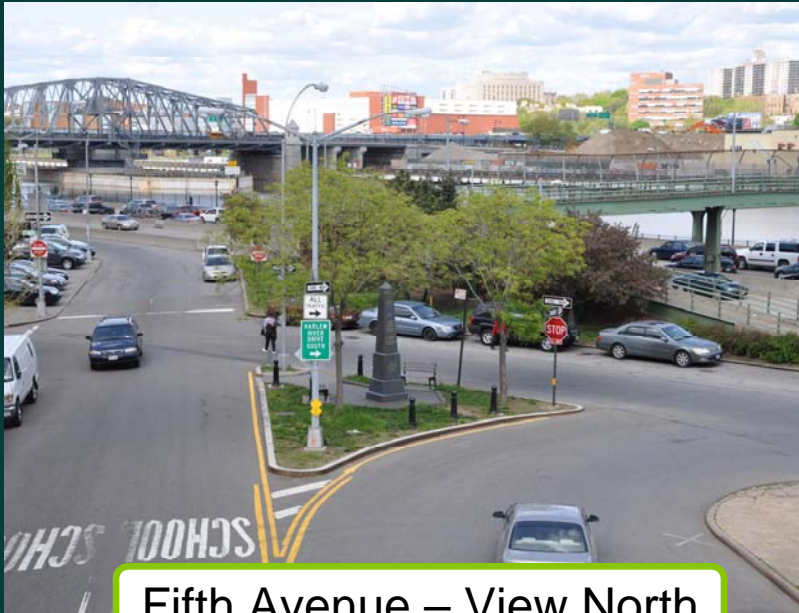
1. 142nd Street and Fifth Avenue
2. 138th and 139th Streets at Fifth Avenue
3. Fifth Avenue Corridor
4. 135th Street and Madison Avenue

Location #1



1. 142nd Street and Fifth Avenue
2. 138th and 139th Streets at Fifth Avenue
3. Fifth Avenue Corridor
4. 135th Street and Madison Avenue

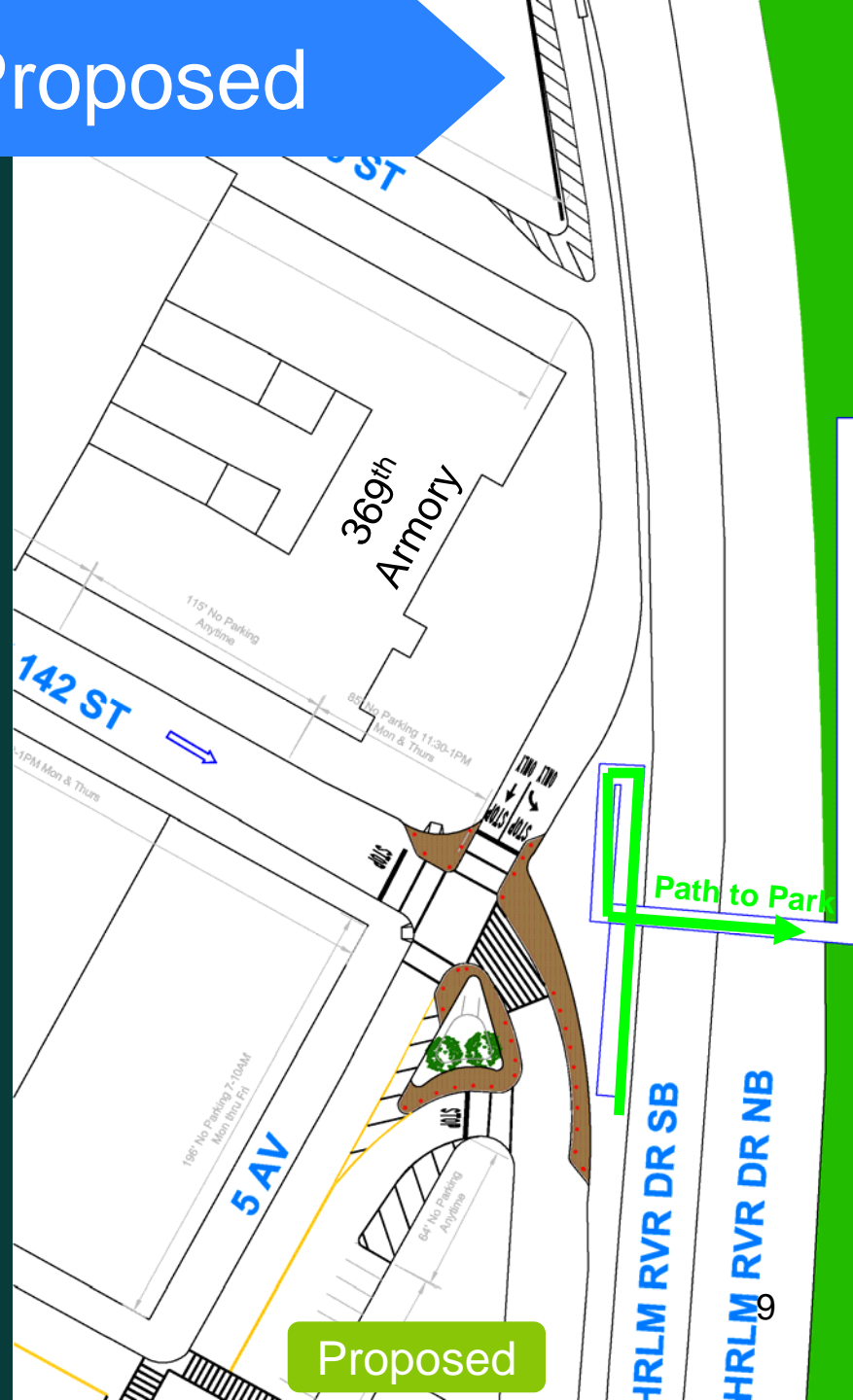
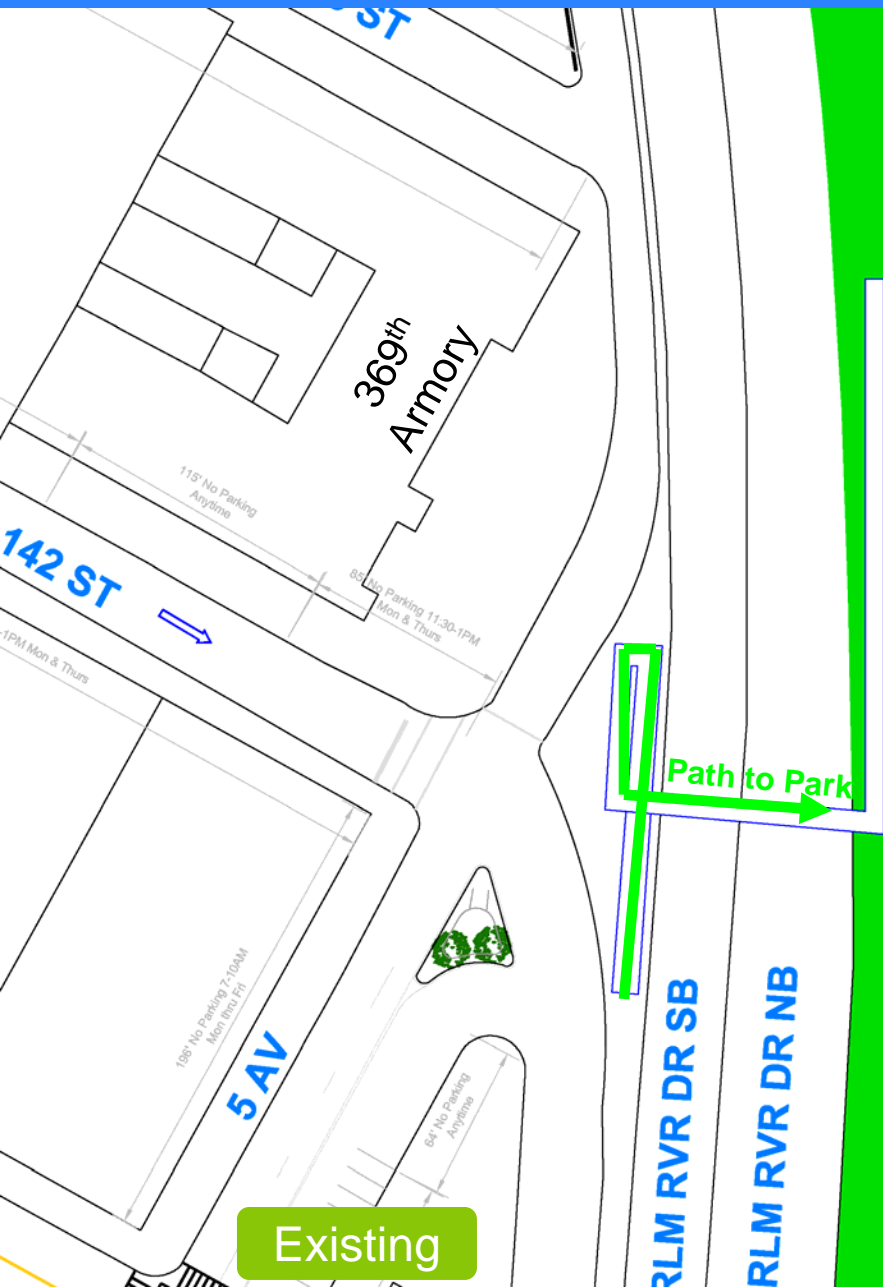
142nd and Fifth Ave - Existing



Fifth Avenue – View North



142nd and 5th Existing – Proposed



142nd and 5th - Proposed Safety Improvements



142nd Street – View South

Striped area to improve driver visibility

Build gravel sidewalk extension w/ flexible delineators

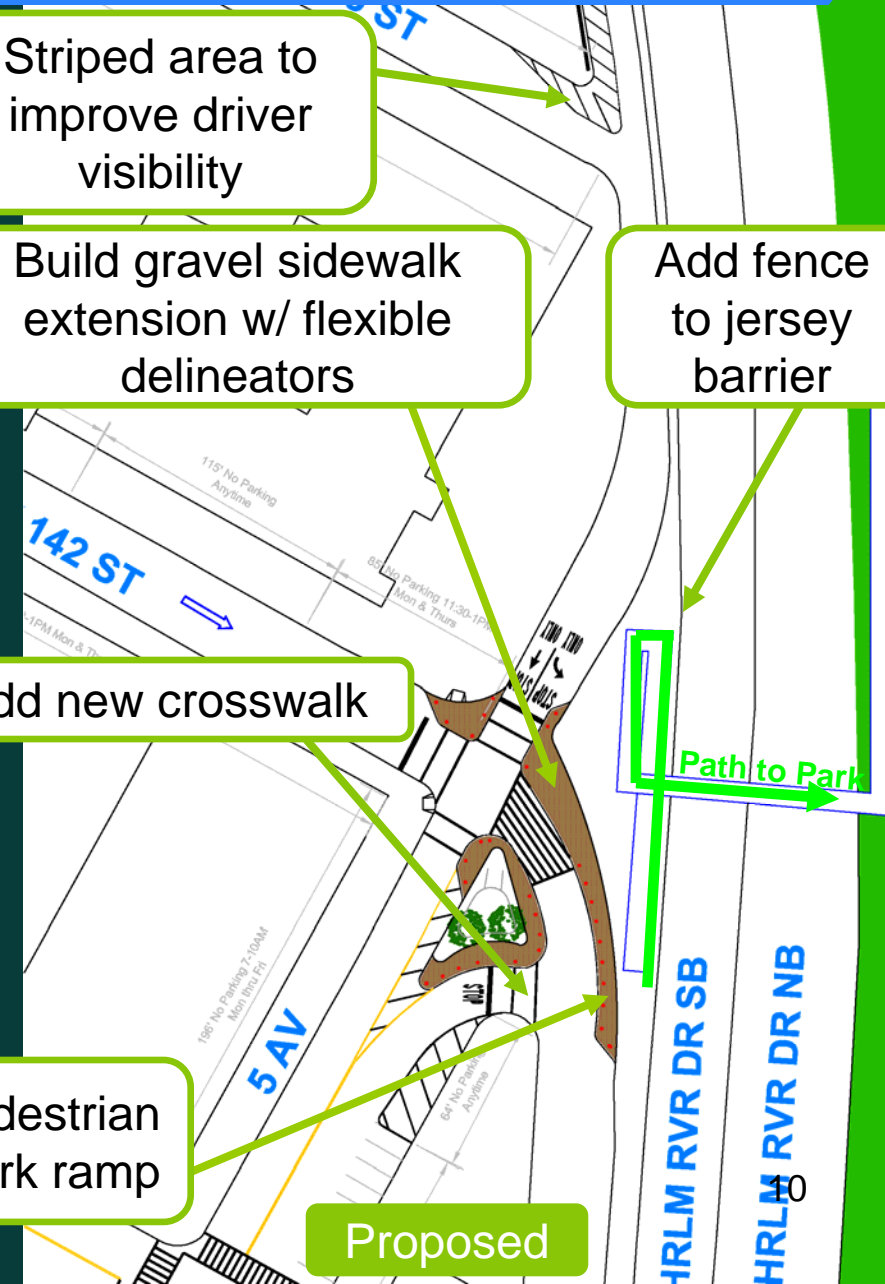
Add fence to jersey barrier

Add new crosswalk

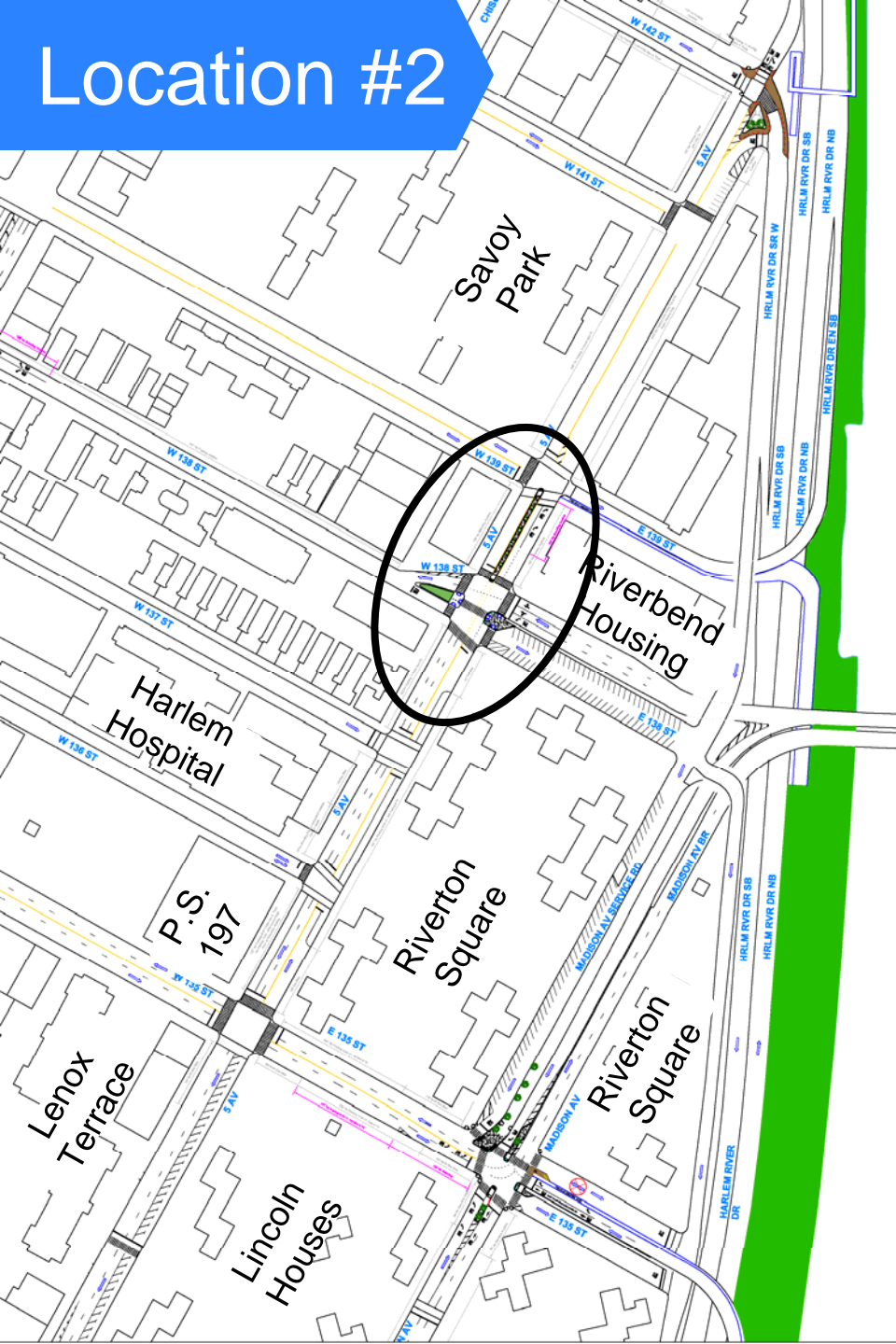
Path to Park

Clears pedestrian path to park ramp

Proposed

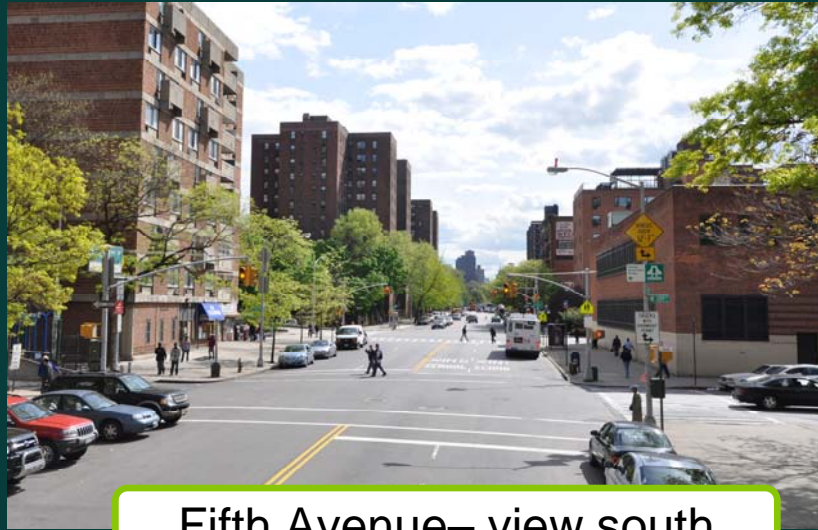


Location #2



1. 142nd Street and Fifth Avenue
2. 138th and 139th Streets at Fifth Avenue
3. Fifth Avenue Corridor
4. 135th Street and Madison Avenue

138th and 139th at 5th - Existing



Fifth Avenue— view south



138th Street – view west



138th and 139th at 5th Existing



138th and 139th at 5th – Proposed Safety Improvements

Build median

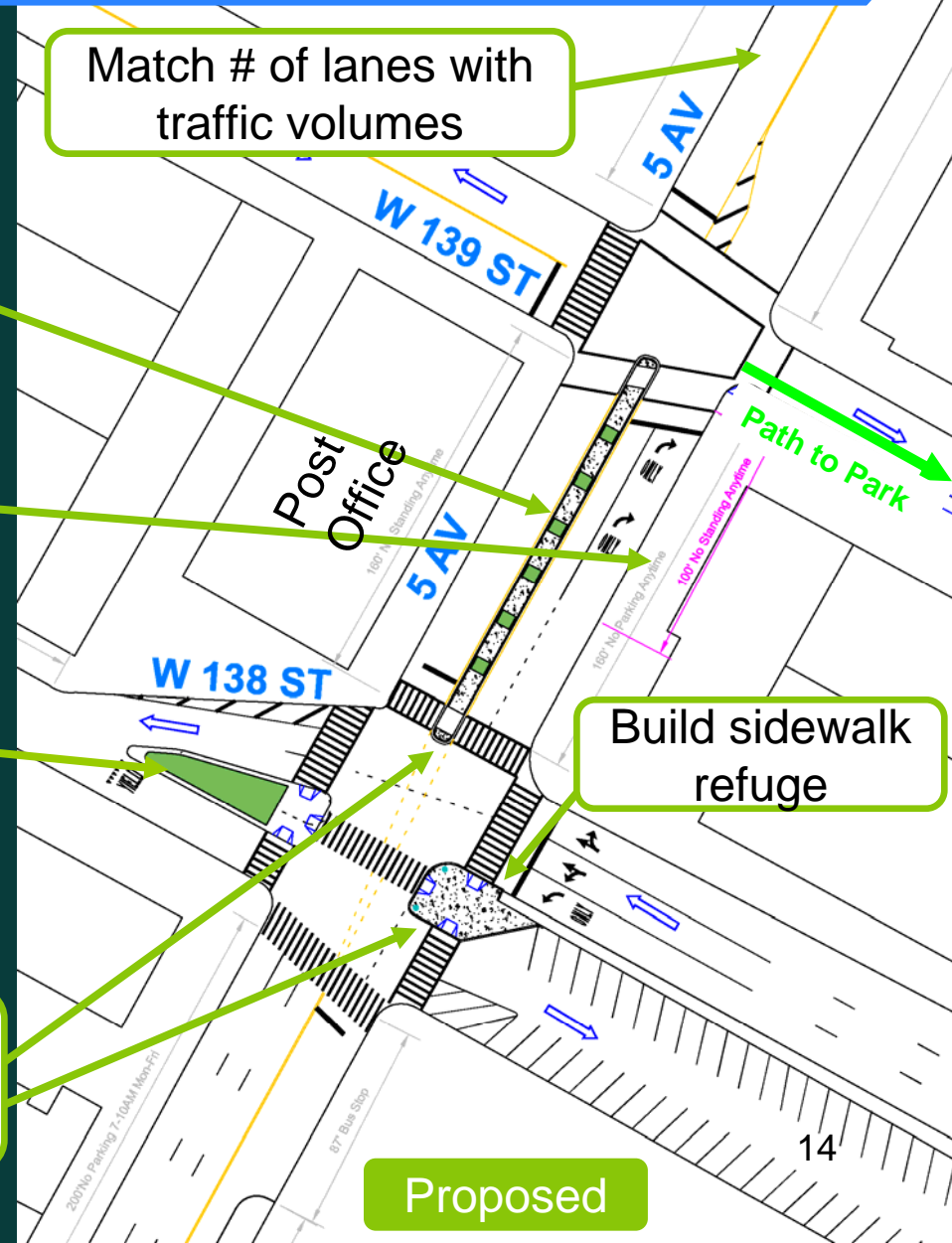
Improve signage to reduce illegal right-turns on red

Expand Greenstreet

New islands added based on input from CB10

Match # of lanes with traffic volumes

Build sidewalk refuge



Proposed

138th and 139th at 5th – Proposed Safety Benefits

Improved
access to park
entrance

Safe refuge for pedestrians +
encourages bridge traffic to obey
yield-to-pedestrian laws

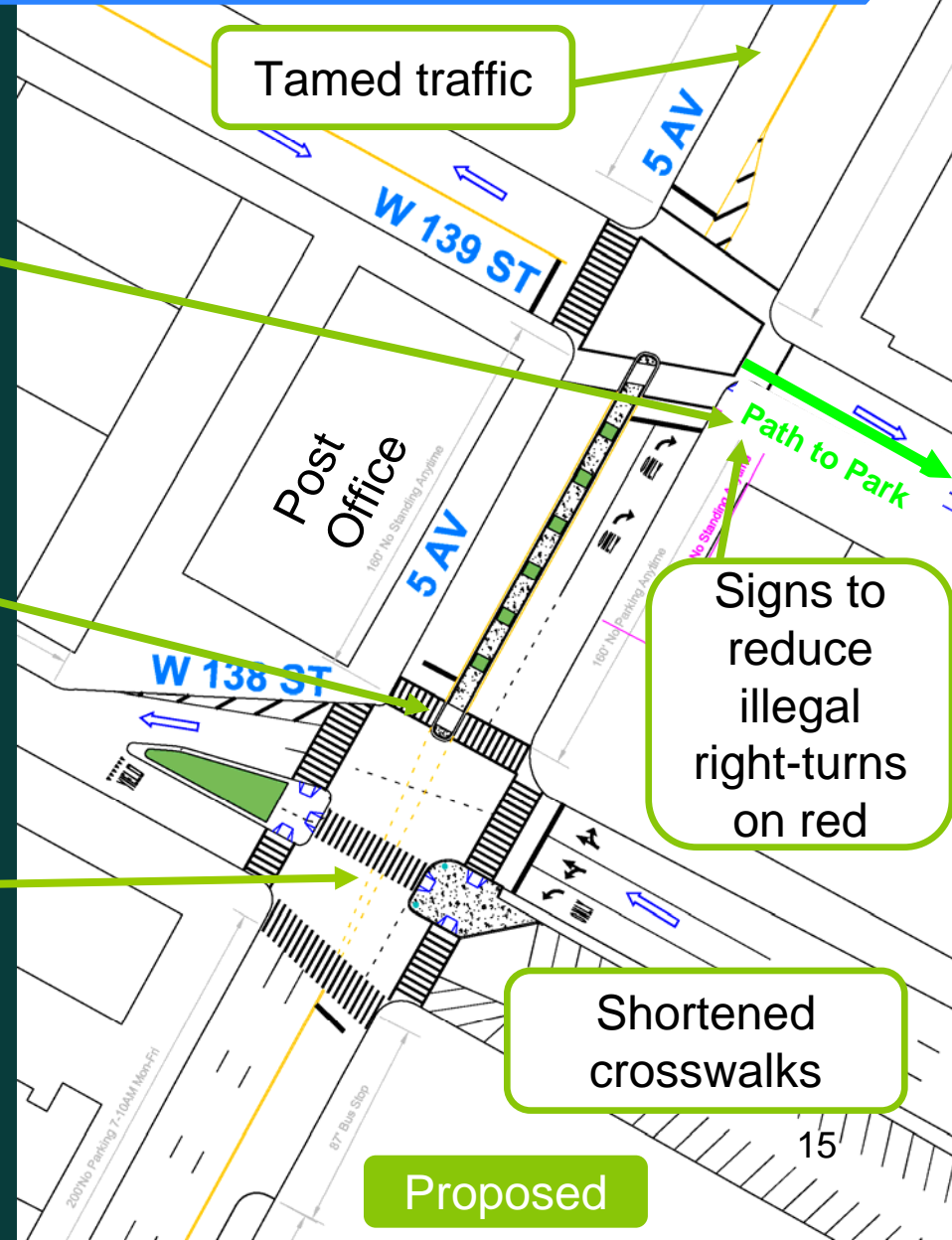
New crosswalk
w/pedestrian signals

Tamed traffic

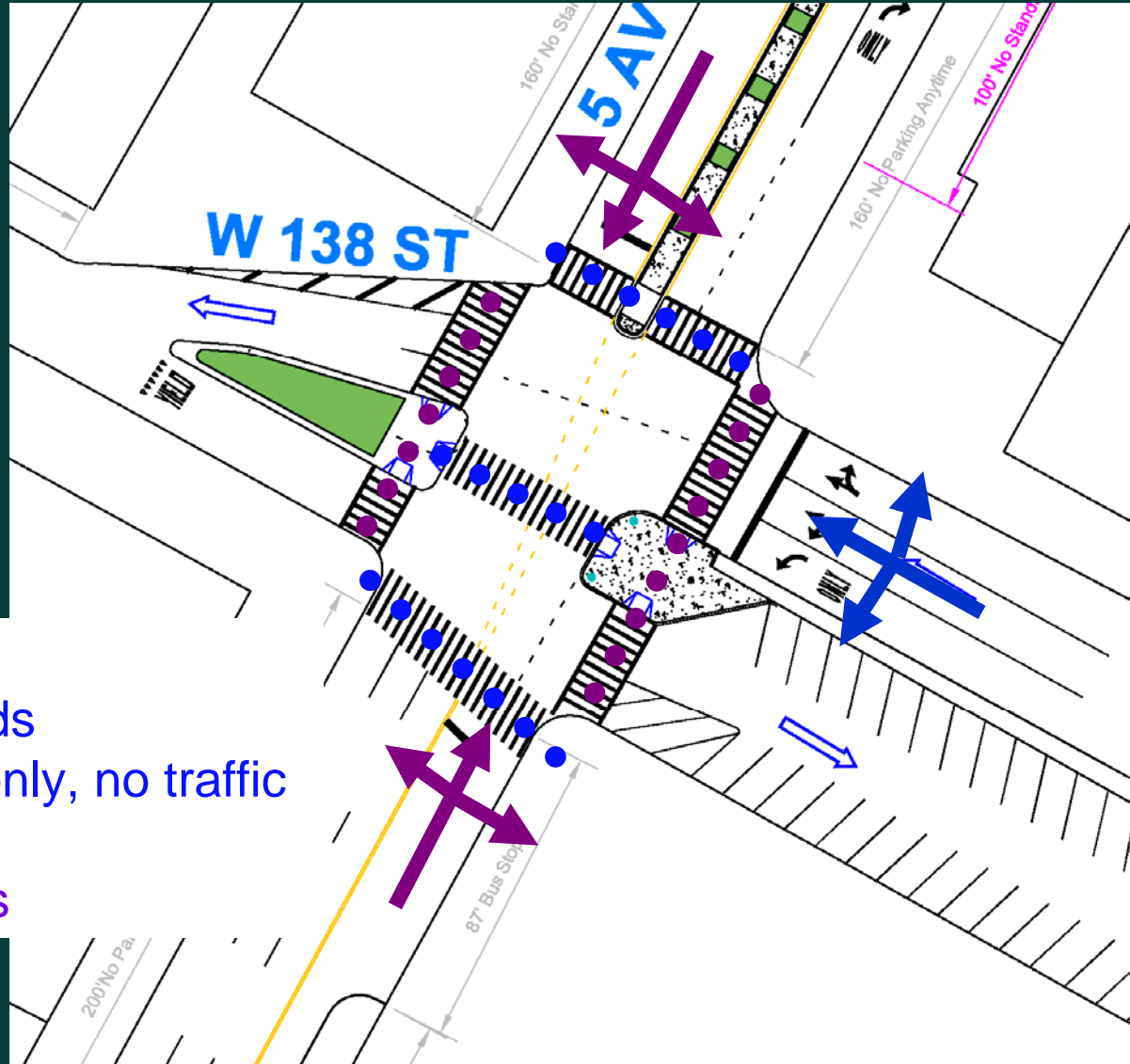
Signs to
reduce
illegal
right-turns
on red

Shortened
crosswalks

Proposed



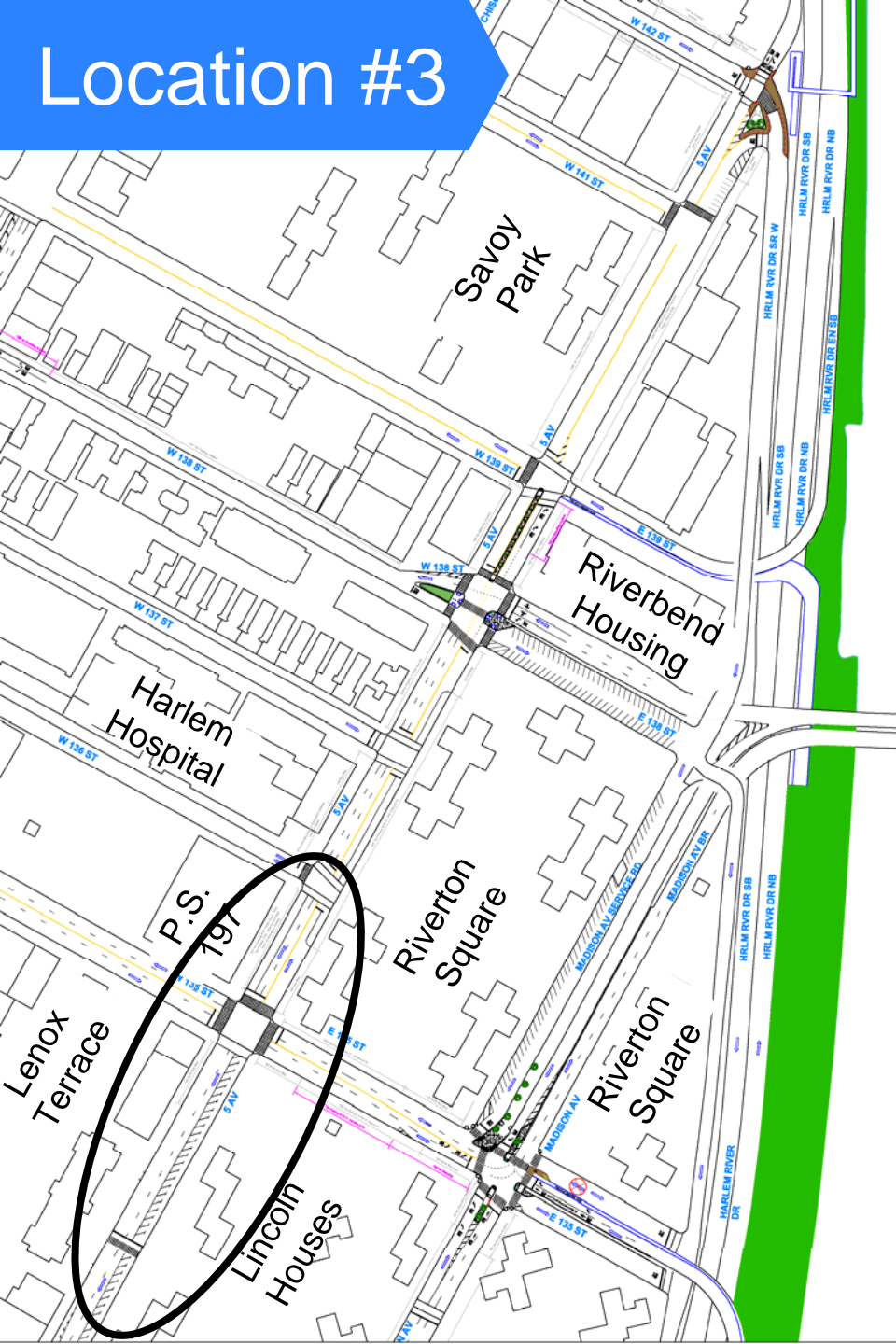
138th and Fifth – Signals Maximized



.....
Crossing Fifth Ave: 49 seconds
Plus 10 seconds pedestrian-only, no traffic

.....
Crossing 138th St: 31 seconds

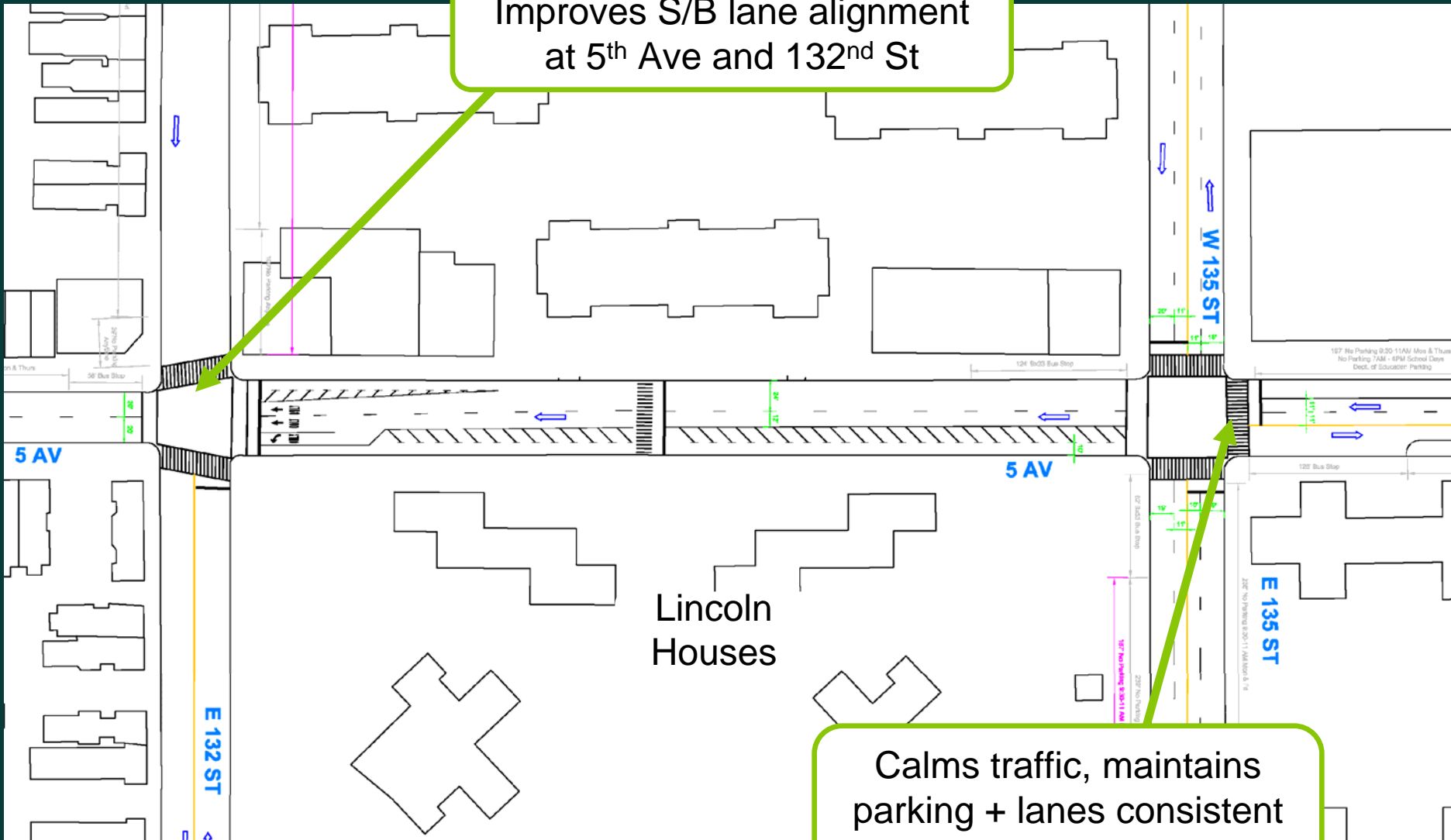
Location #3



1. 142nd Street and Fifth Avenue
2. 138th and 139th Streets at Fifth Avenue
3. Fifth Avenue Corridor
4. 135th Street and Madison Avenue

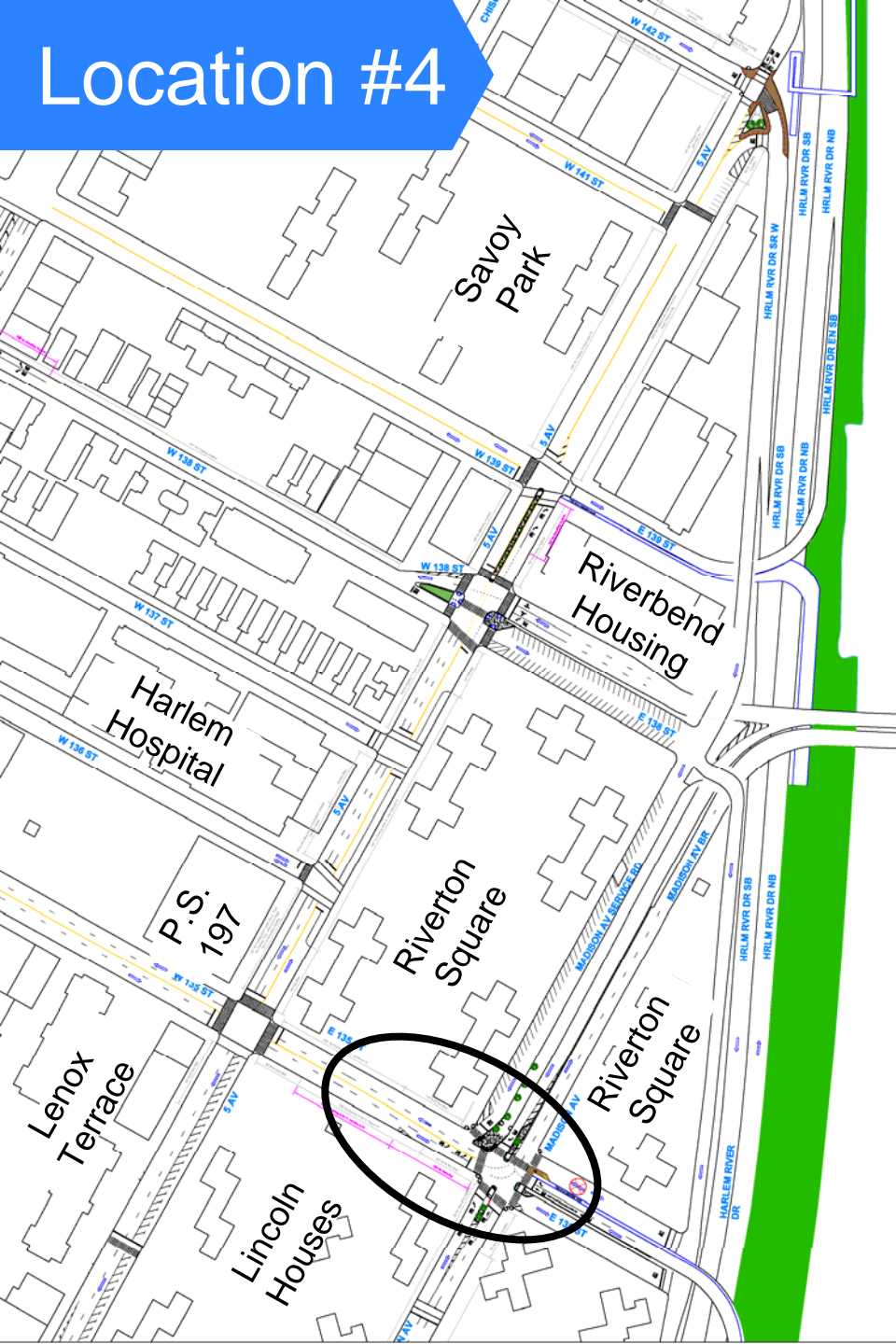
Fifth Avenue Corridor Proposal

Improves S/B lane alignment
at 5th Ave and 132nd St



Calms traffic, maintains
parking + lanes consistent
with blocks to north + south

Location #4



1. 142nd Street and Fifth Avenue
2. 138th and 139th Streets at Fifth Avenue
3. Fifth Avenue Corridor
4. 135th Street and Madison Avenue

135th and Madison - Existing



135th Street
view east



NW corner
view south



Madison Avenue
Bridge view north



135th Street
view west

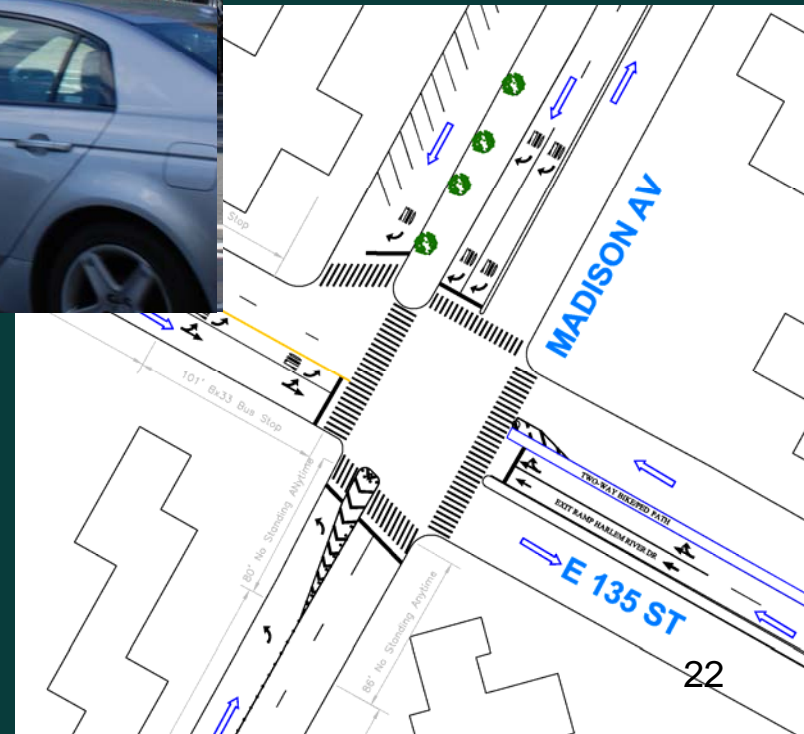
135th and Madison - Existing



Long
crosswalks

135th and Madison

Turning conflicts



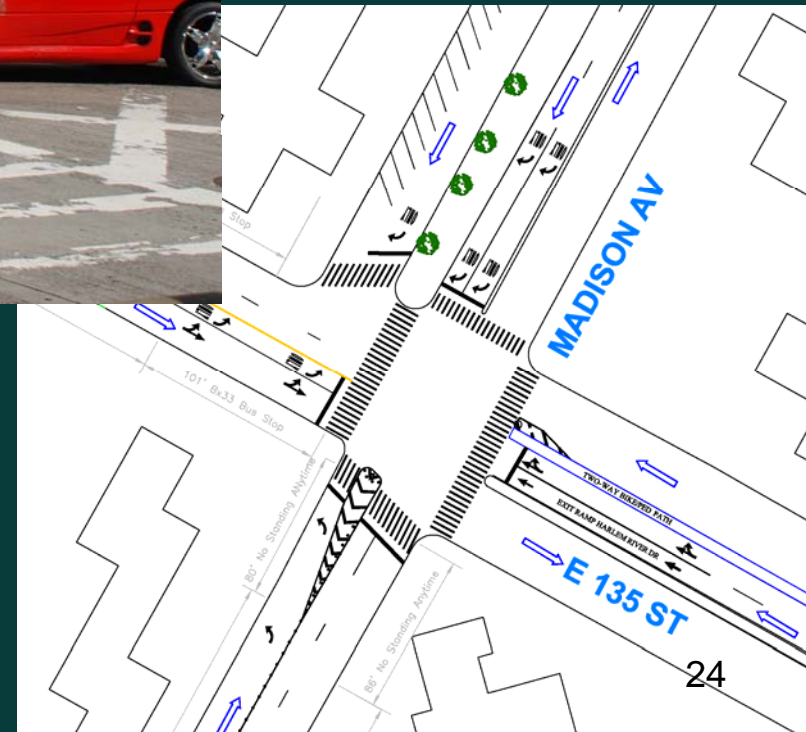
135th and Madison

Navigating
Traffic

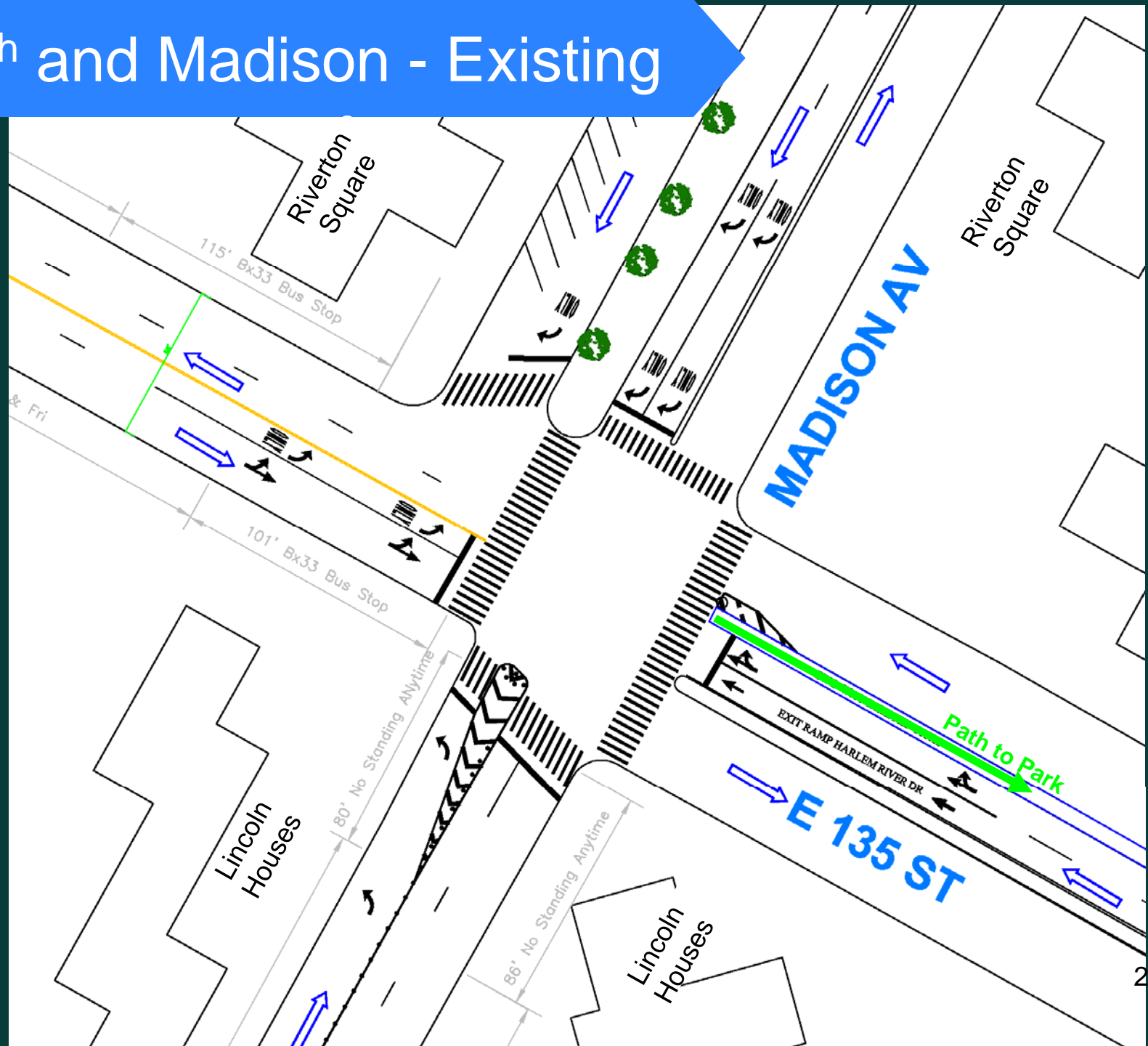


135th and Madison

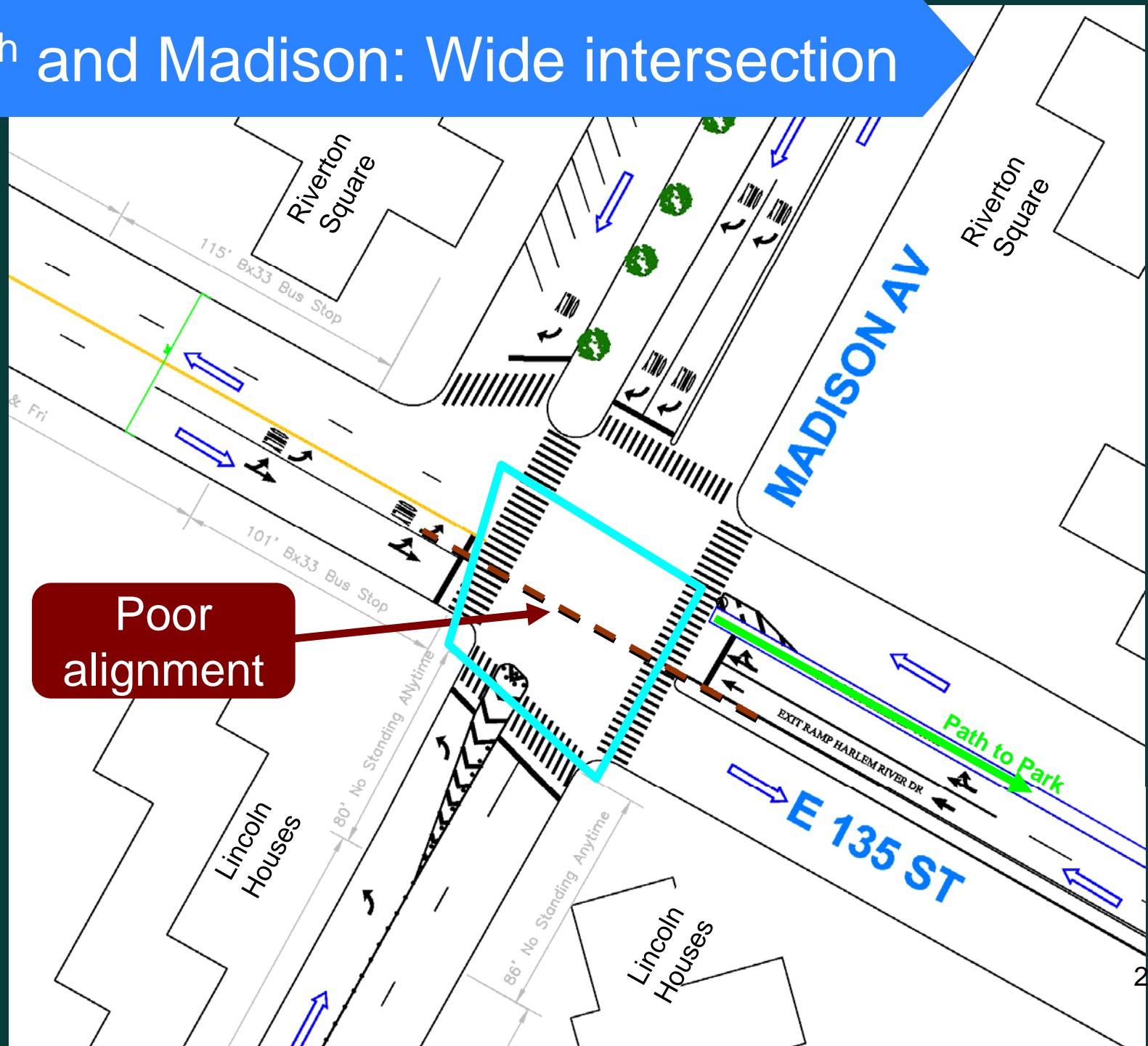
Pedestrian
waiting in traffic



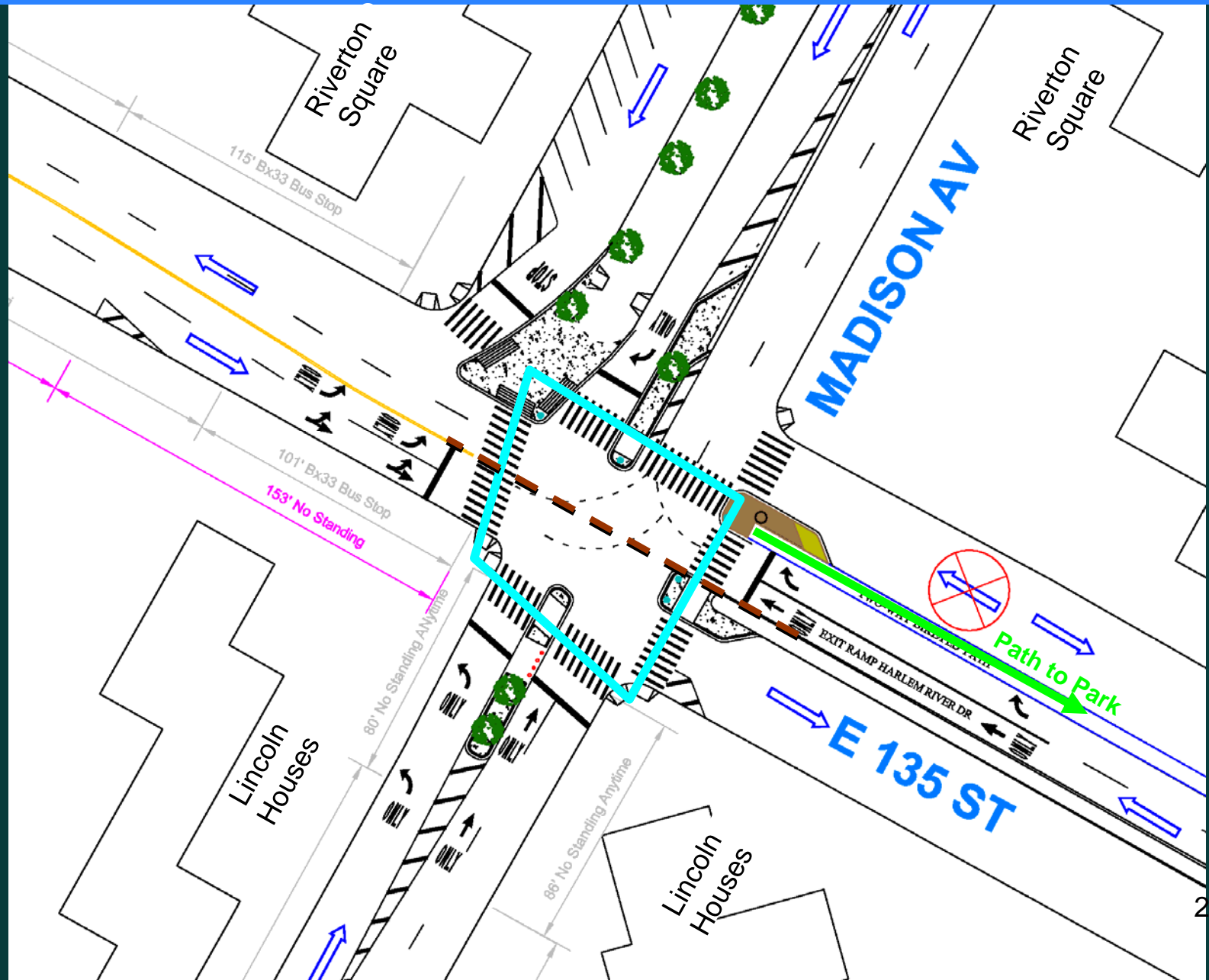
135th and Madison - Existing



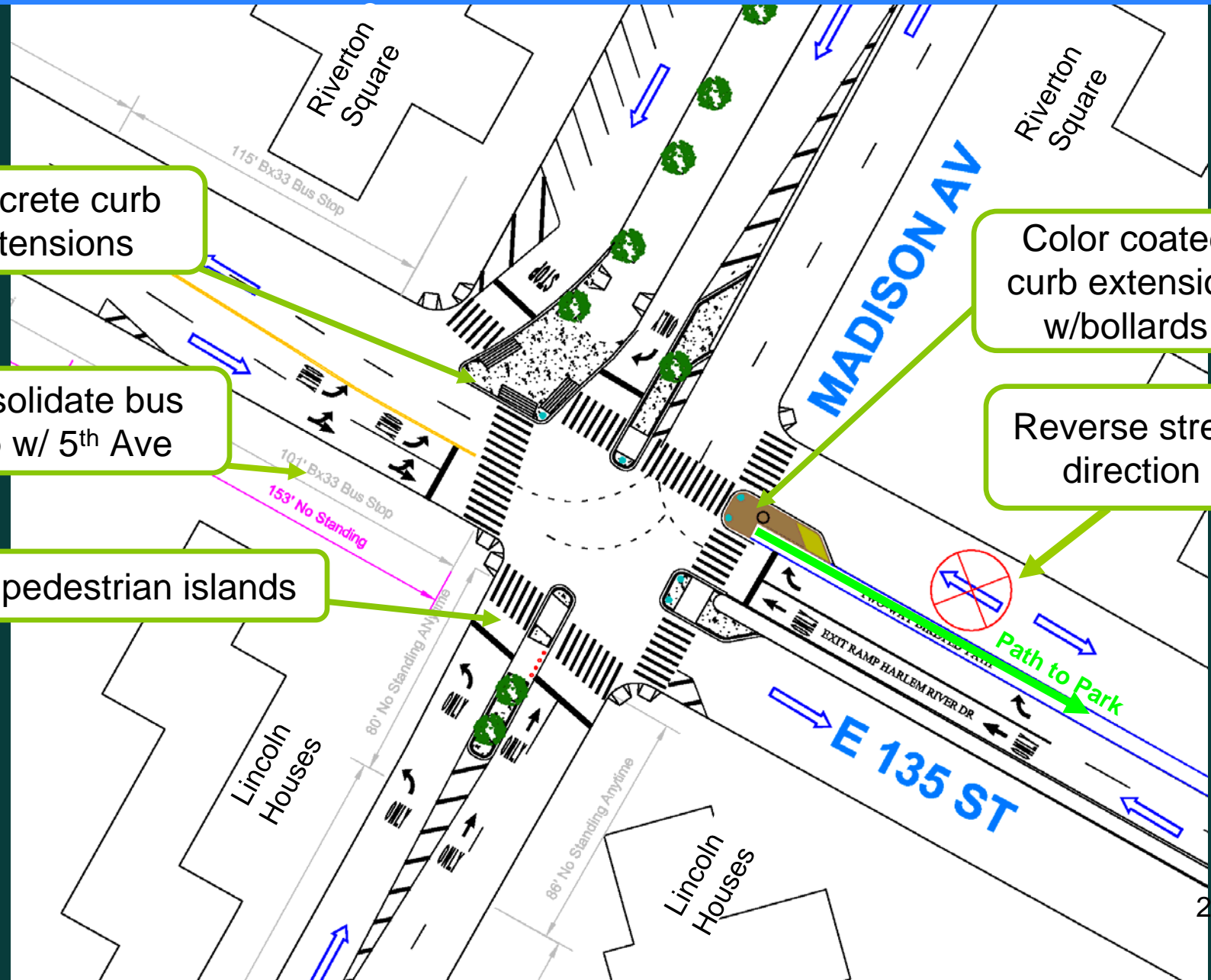
135th and Madison: Wide intersection



135th and Madison – Proposed Safety Improvements



135th and Madison – Proposed Safety Improvements



Concrete curb extensions

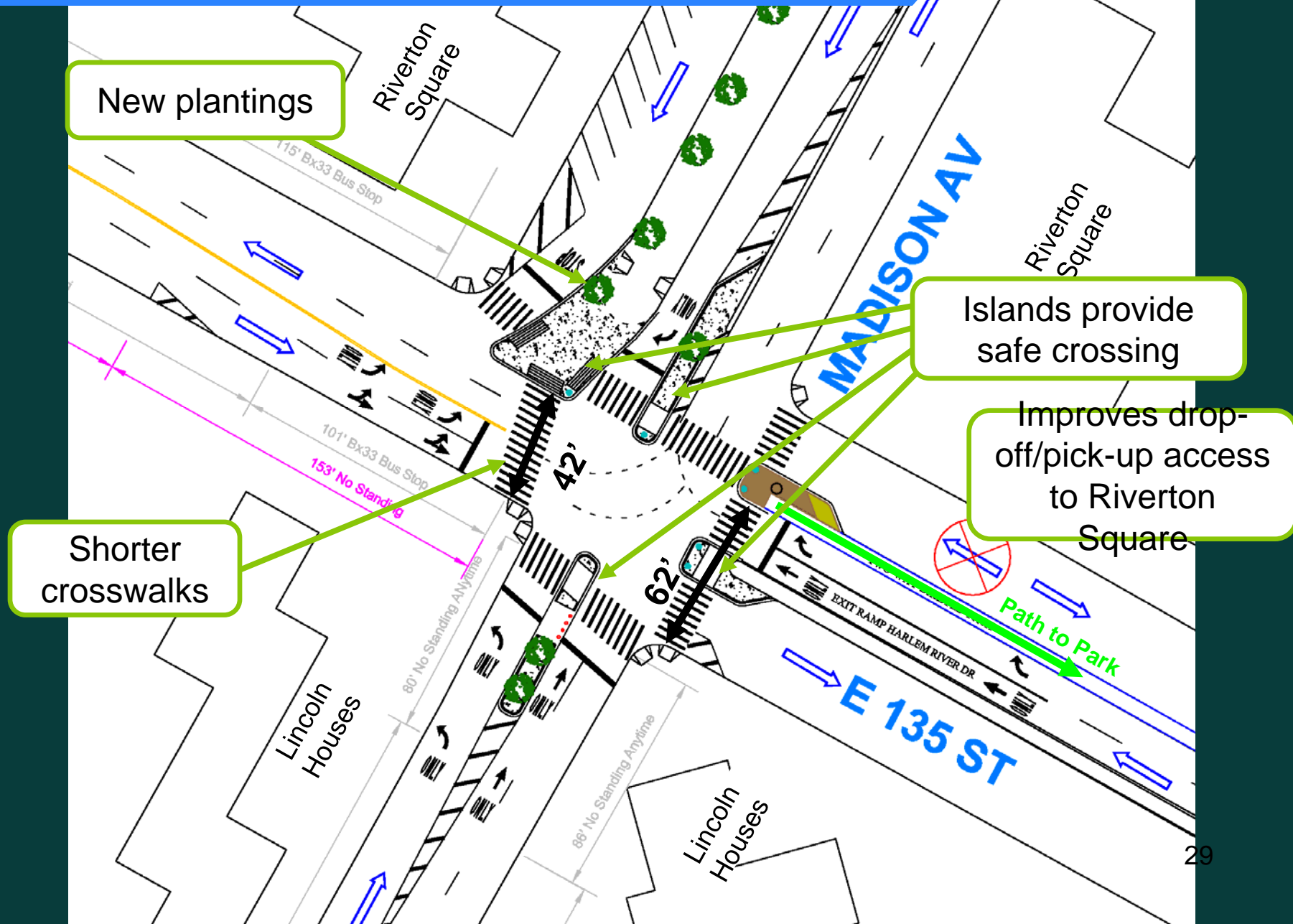
Consolidate bus stop w/ 5th Ave

New pedestrian islands

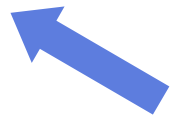
Color coated curb extension w/bollards

Reverse street direction

135th and Madison – Safety Benefits



One-Way Reversal Access



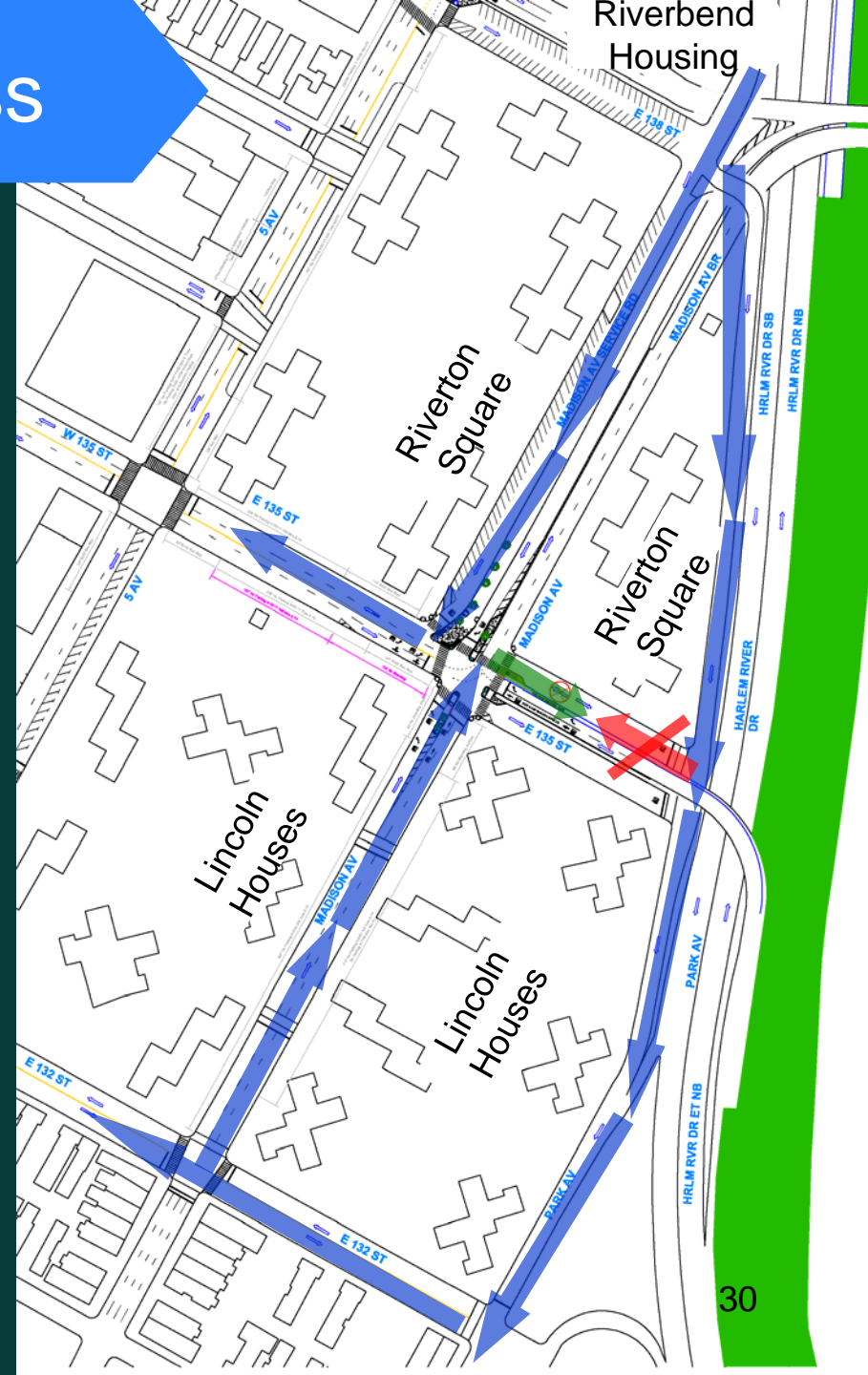
Circulation
maintained



Service road
reversed



New service road
direction



Improved Emergency Access to Riverton Square for Fire Department and Ambulances

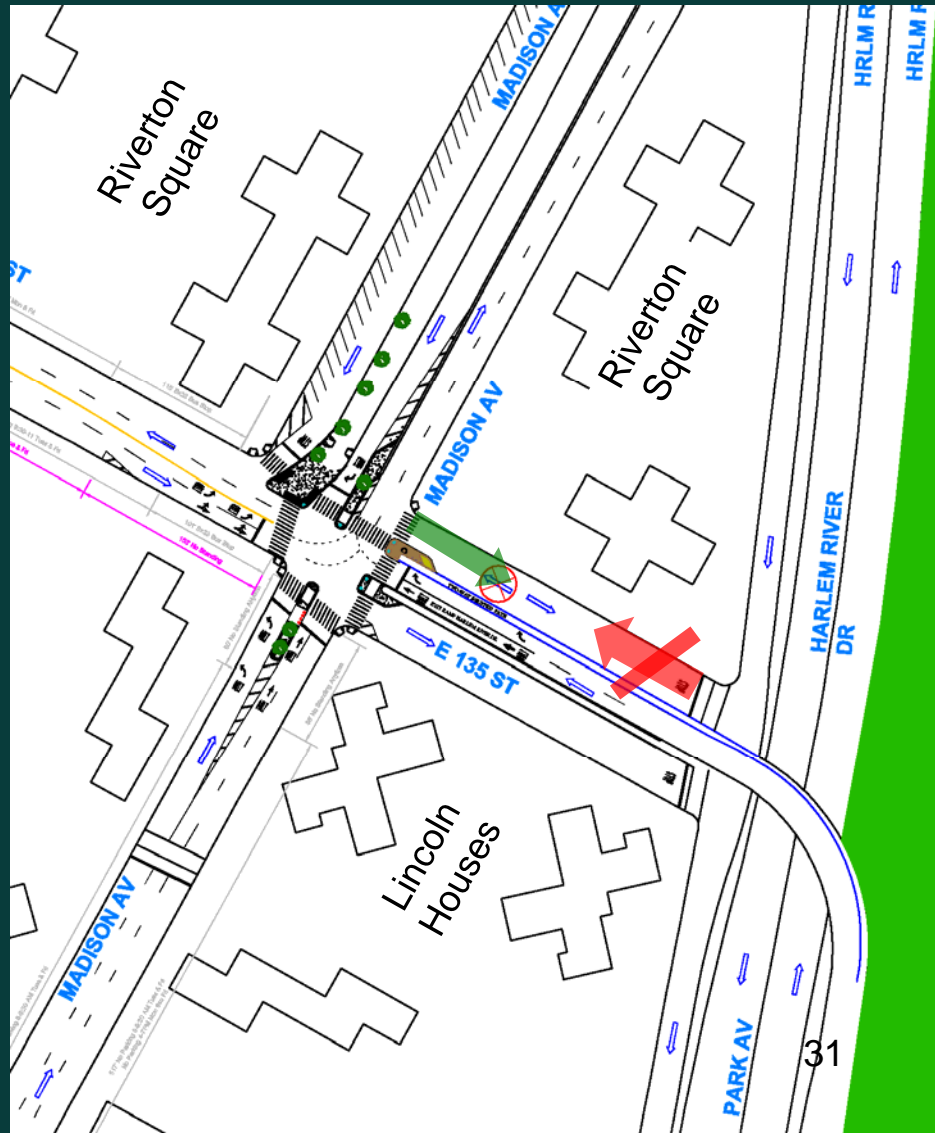


Service road
reversed

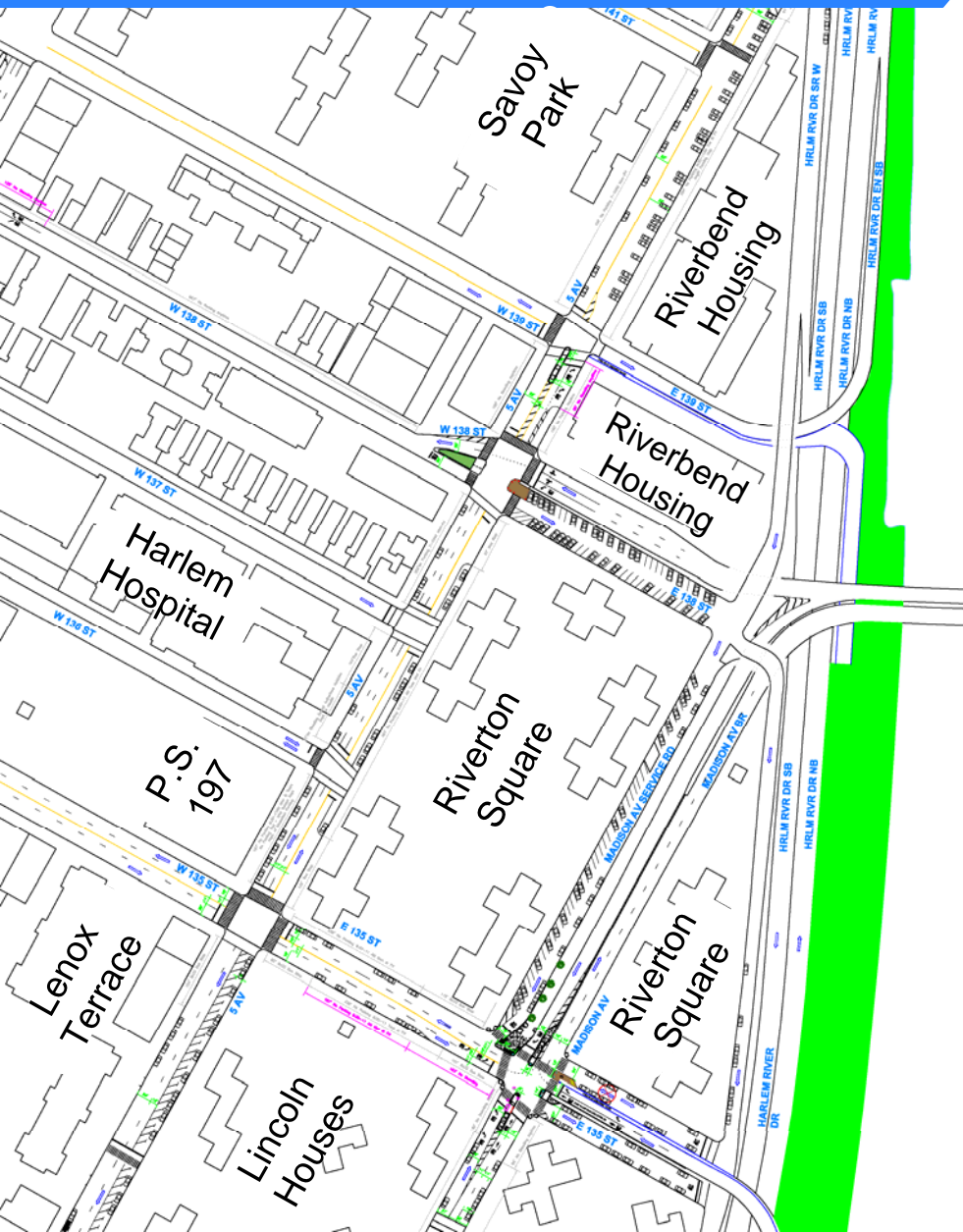


New service road
direction

June 28, 2010 – FDNY Approval
September 9, 2010 – OEM Approval



Safety Goals Addressed



- Improves safety and visibility
 - Safer crosswalks
 - Simplified intersections
 - Tames traffic
- Enhances access to Harlem River Park

Proposal Summary

Park Triangle: Fifth Avenue at 142nd Street

1. Shorten crosswalks adding colored road surface & flexible delineators

Madison Avenue Bridge Exits at 138th and 139th Streets

1. Add median between 138th and 139th
2. Expand safety island on west side
3. Build out the channelization in the crosswalk southeast of bridge

Fifth Avenue between 135th and 132nd Street

1. Restripe the road to maintain consistency with the number of lanes feeding into it, lessens pedestrian exposure to traffic

Madison Avenue Bridge Entry/Exit at Madison Avenue & 135th Street

1. Shorten crosswalks and tighten intersection:
2. Add two safety extensions each in east + north crosswalks for refuge + island in south crosswalk
3. Reverse service road north of Harlem River Drive exit from westbound to eastbound
4. Consolidate two bus stops on one block for Bx33 eastbound
5. Simplification allows more Walk time

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Thank
You

