

Riverside Dr at W72nd St & W79th St

Pedestrian Improvements

2014



Commissioner Polly Trottenberg New York City Department of Transportation
Presented by the Pedestrian Projects Group on March 11, 2014 to Community Board 7 Transportation Committee

Project Background

West Side Transportation Study (Began 2007)

- 3 public meetings and business survey
- Requests for pedestrian safety and traffic improvements at:
 - W72nd at Riverside Dr
 - W79th at Riverside Dr

More information:

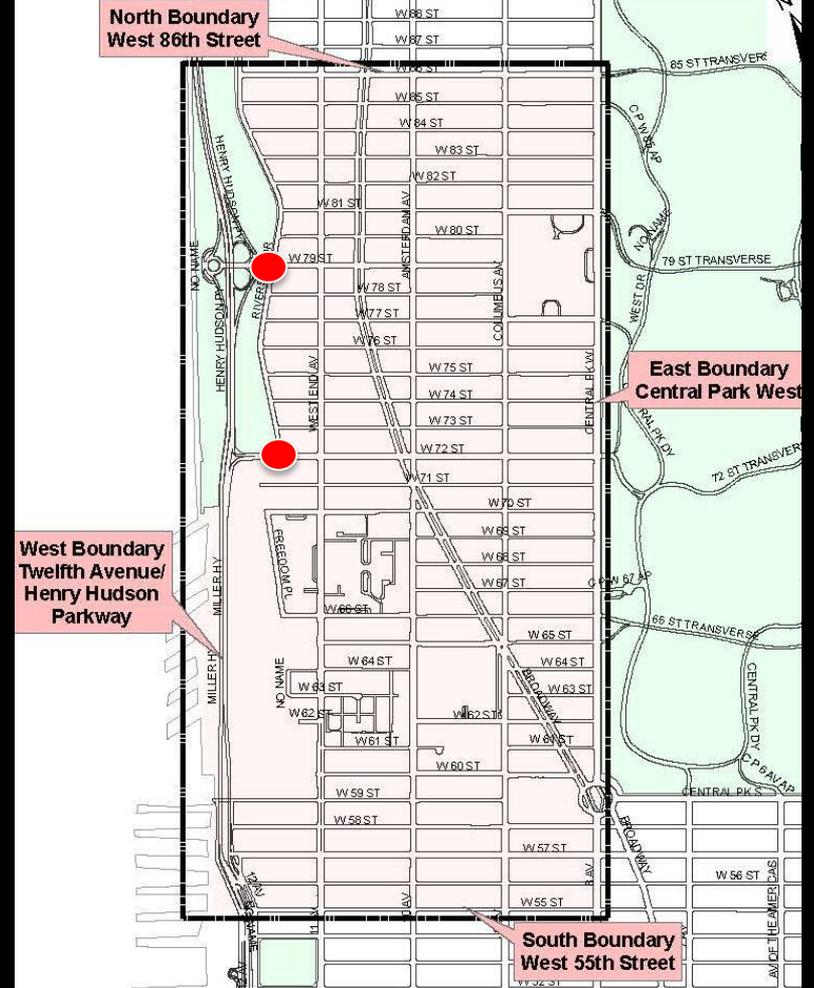
www.nyc.gov/html/dot/html/motorist/westside.shtml

Borough President Priority Location

- Community Board Identified Riverside Dr and 79th St as priority location for CD7

Vision Zero

- Identified as a Vision Zero priority location



W79ST At Riverside Dr, MN

Injury Summary, 2007-2011 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	3	1	0	1
Bicyclist	4	0	0	0
Motor Vehicle Occupant	25	1	0	1
Total	32	2	0	2

Fatalities, 01/01/2007-3/3/2014 : None

Source: Fatalities: NYCDOT
Injuries: NYS DOT
KSI: Persons Killed or Severely Injured

Project Area

Riverside Park

Hudson River

Henry Hudson Parkway

Riverside Drive

HH Pkwy Exit

Project Site

West 79th St

HH Pkwy Entrance

Project Site

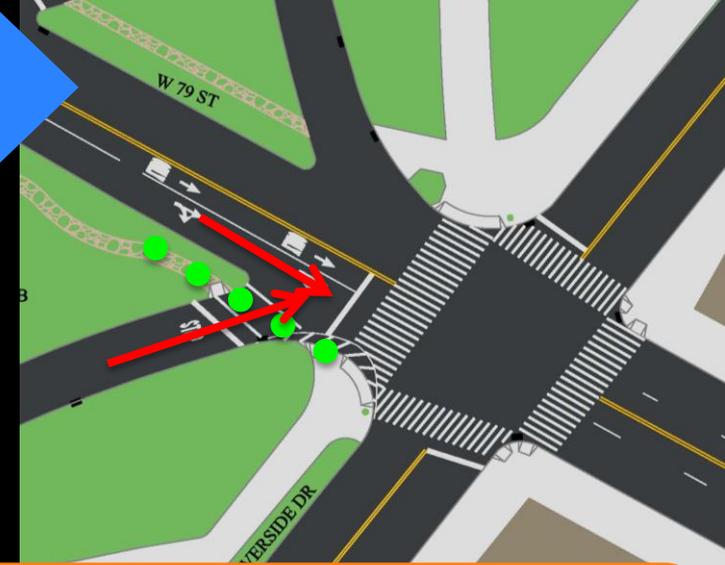
West 72nd St



Existing Conditions – W79th St



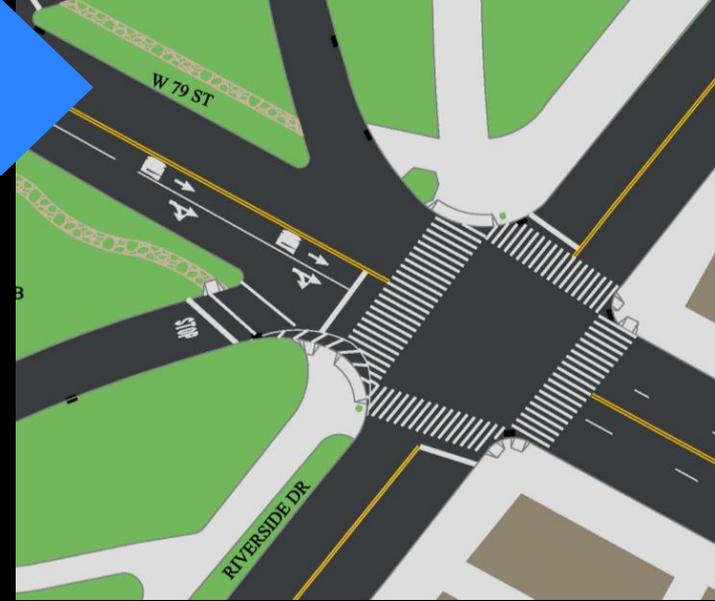
Vehicles block pedestrian crossing



Congested merge from exit from NB Henry Hudson Pkwy results in vehicular conflicts



Existing Conditions – W79th St



Overly wide intersection



Long crosswalks

Existing Conditions – W79th St

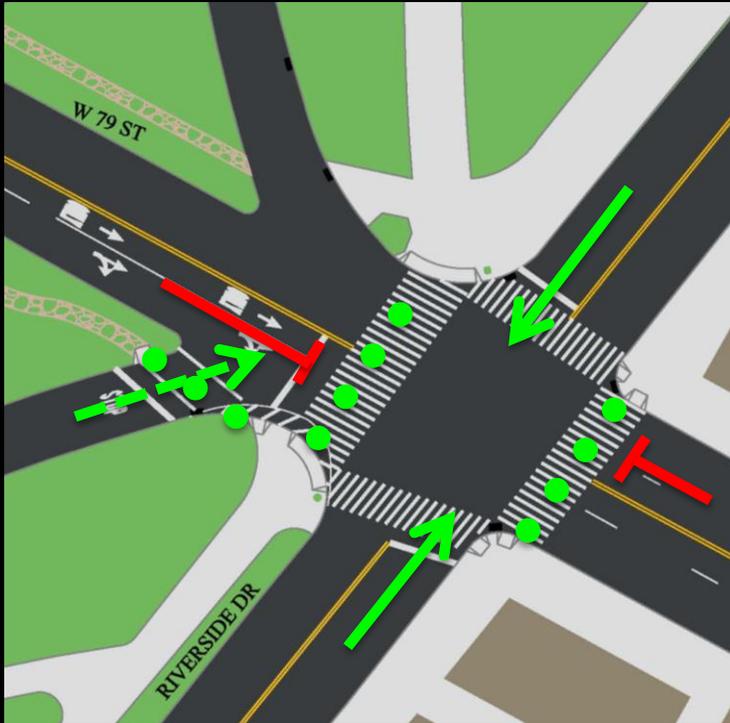
Four Henry Hudson Pkwy ramps cross pedestrian access to Boat Basin

Hard for pedestrians to anticipate turning vehicles

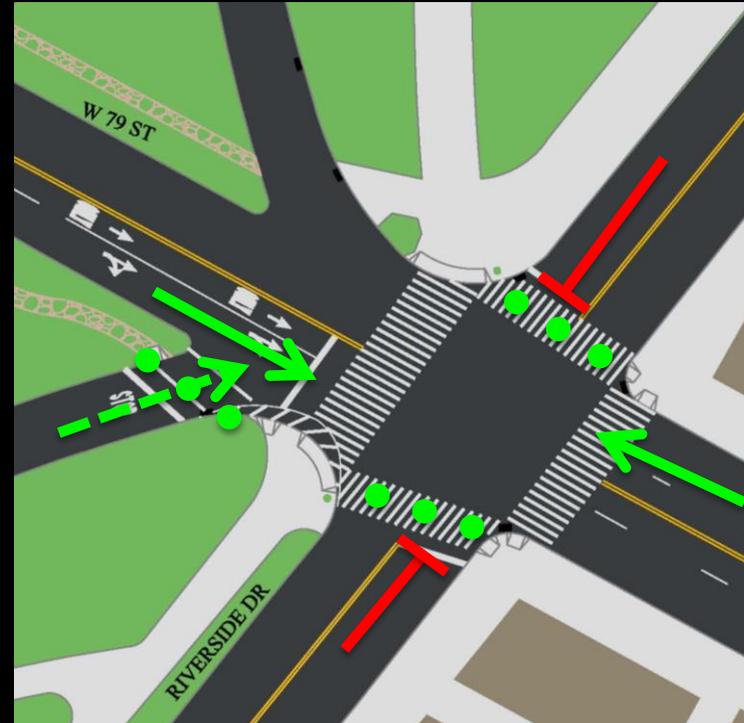


No crosswalks at ramps

Existing Signal Phasing – W79th St



Phase A: Riverside Dr
40 secs



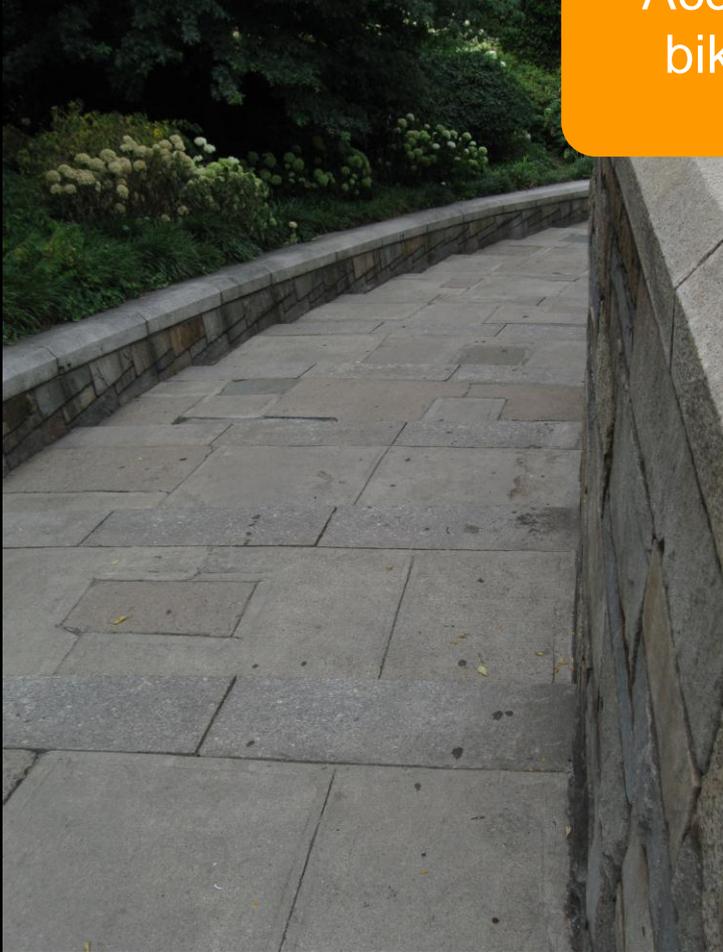
Phase B: W79th St
50 secs

Pkwy exit ramp merge onto
W79th St causes congestion

Ramp is not signalized

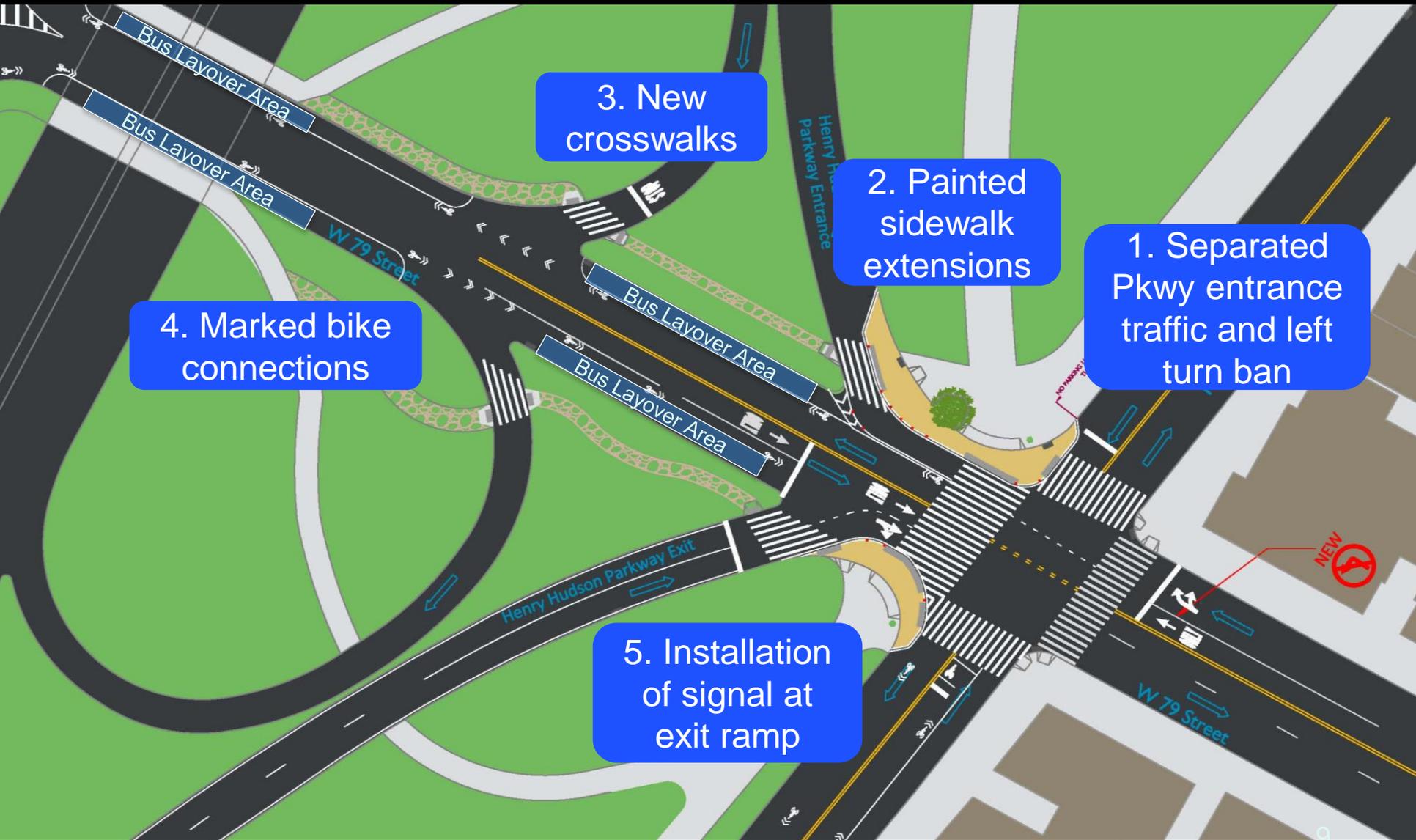
Existing Conditions – W79th St

Access to Boat Basin requires bikes to mount stairs and go through restaurant

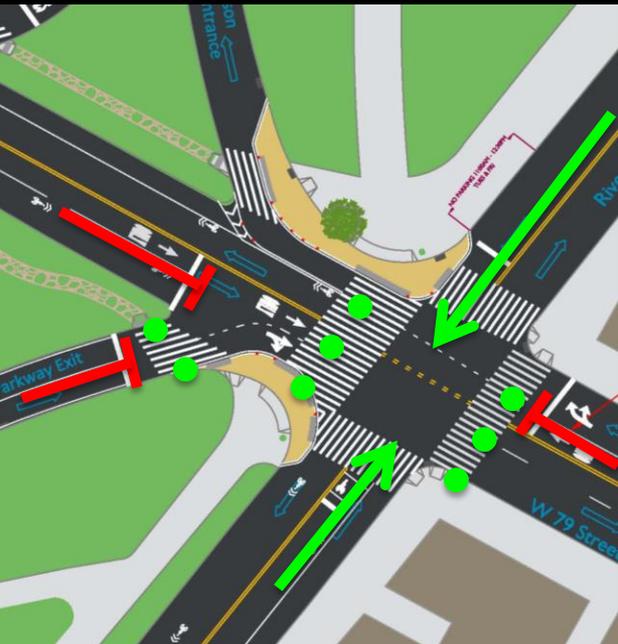


Gap in bike network between Boat Basin and existing E-W lanes

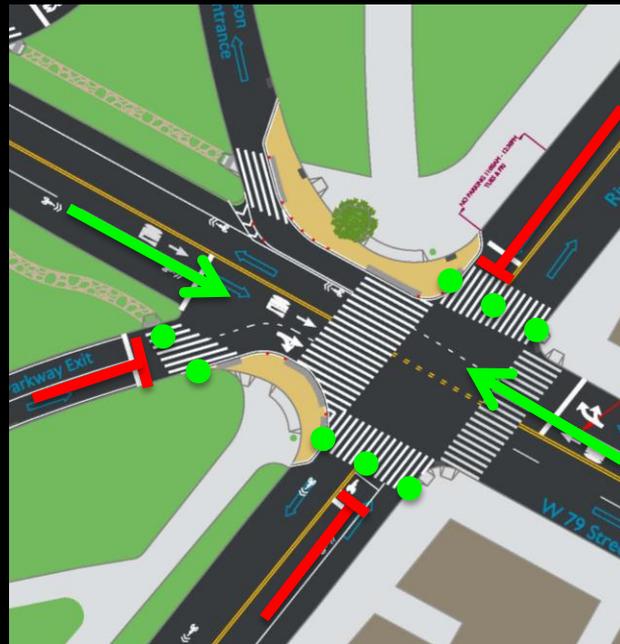
Proposed Plan – W79th St



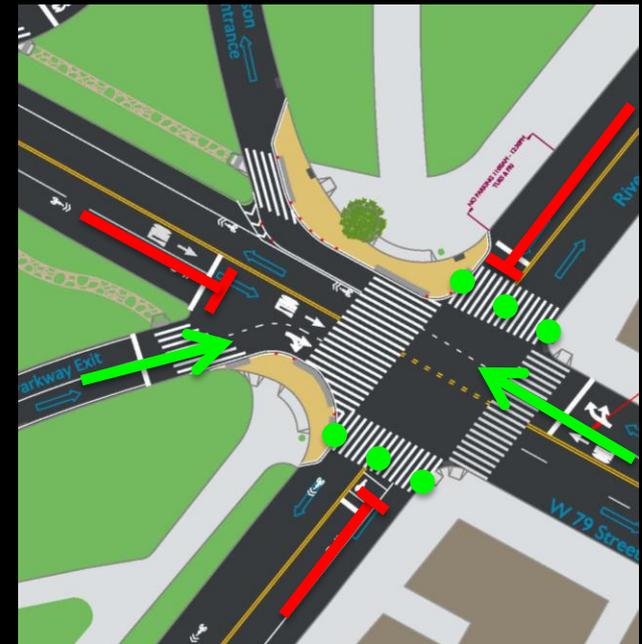
Proposed Signal Phasing – W79th St



Phase A: Riverside Dr
29 secs



Phase B: W79th St
35 secs



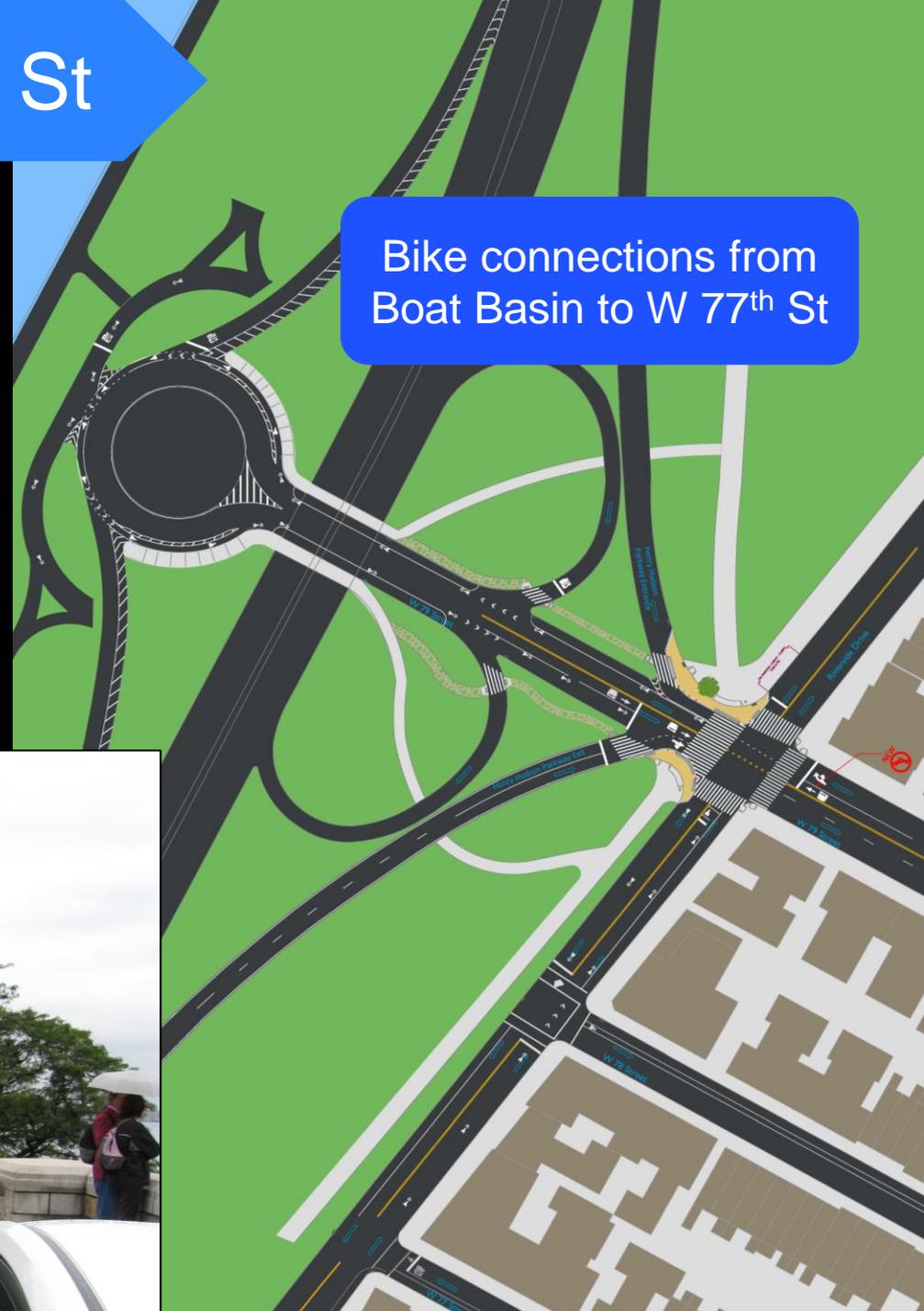
Phase C: HH Pkwy Exit
26 secs

Henry Hudson Parkway Exit Ramp
incorporated into signal

Proposed Plan – W79th St

Bike access at Boat Basin allowed on existing ramp

Bike connections from Boat Basin to W 77th St



Anticipated Benefits – W79th St

1. Enhanced pedestrian access to Boat Basin
2. Shorter, safer pedestrian crossings
3. Simplified access from exit ramp
4. Greenway connections



Existing Conditions – W72nd St



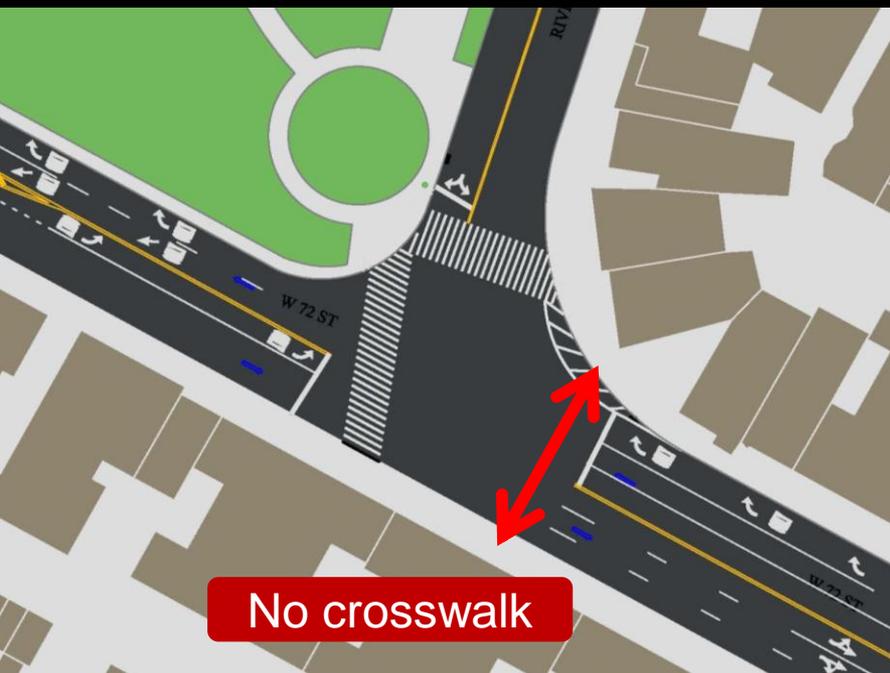
Henry Hudson Parkway exit ramp closed in 2007, reducing volumes



Excessive roadway with low volumes and no on-street parking

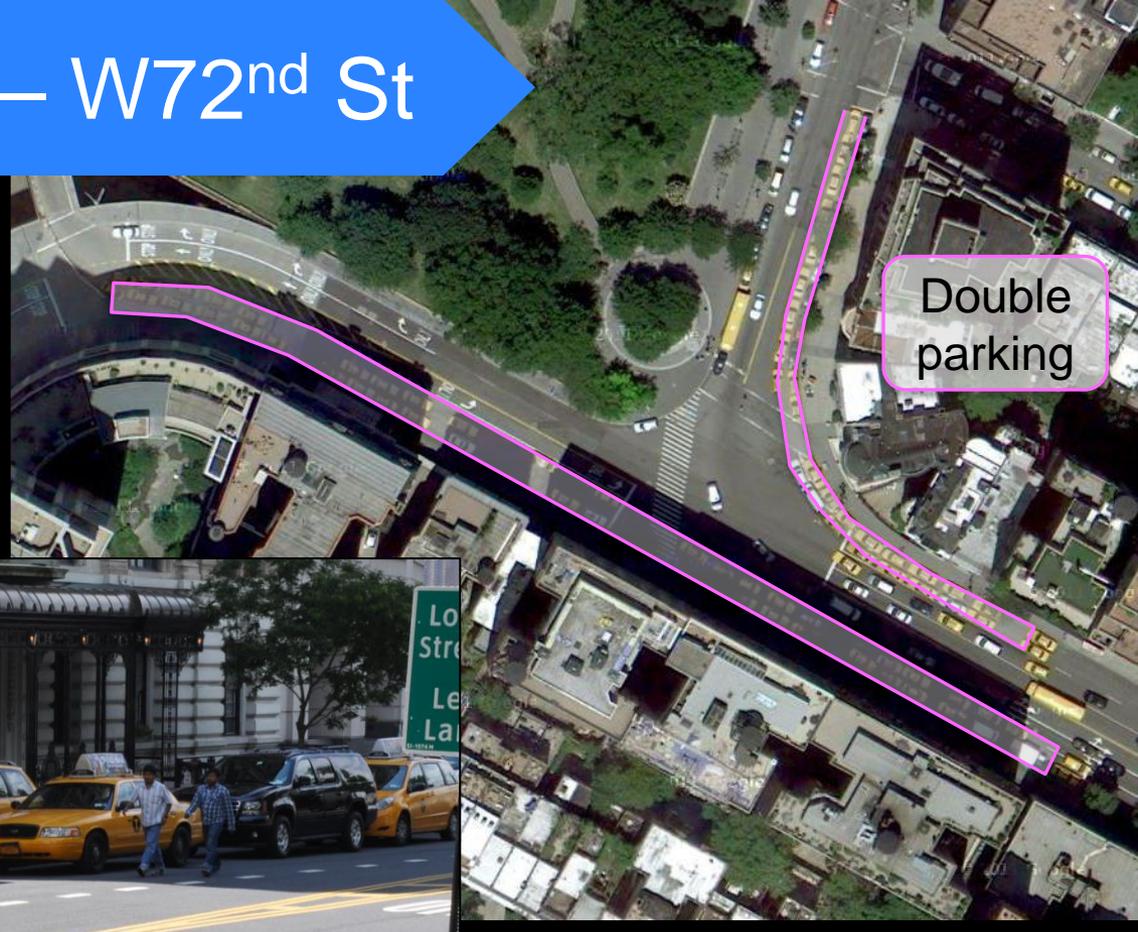
Existing Conditions – W72nd St

Overly wide intersection

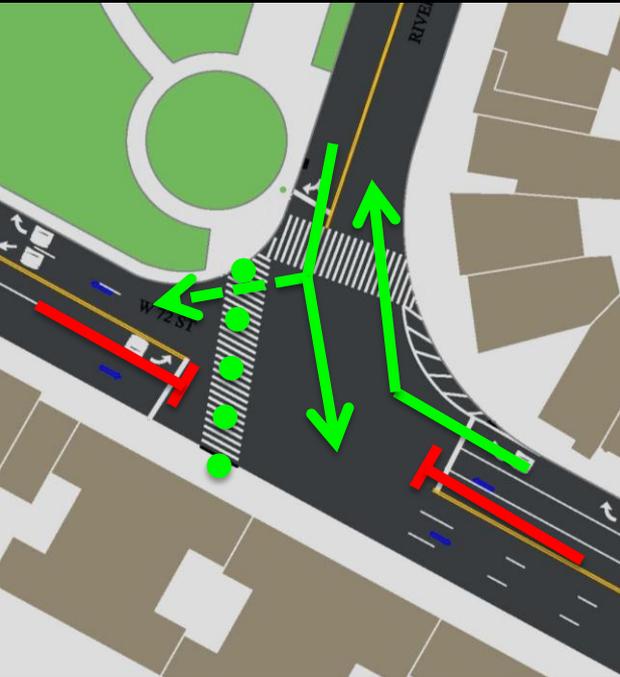


Existing Conditions – W72nd St

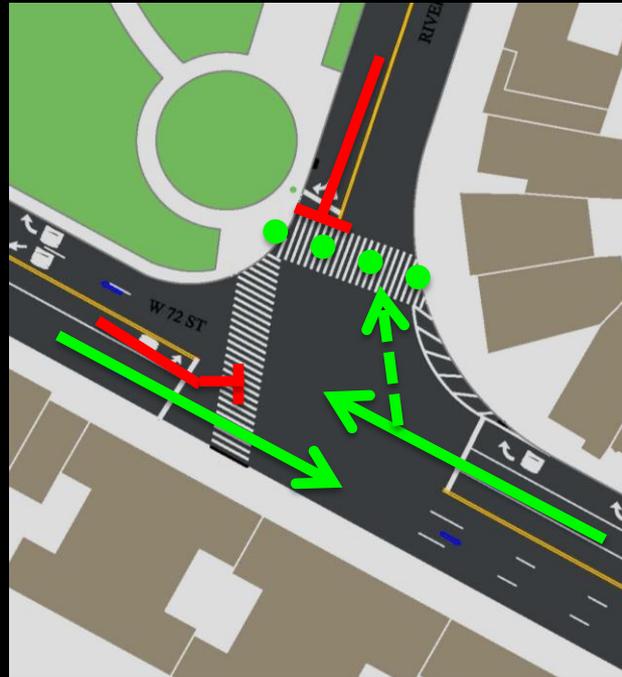
Frequent double parking condition



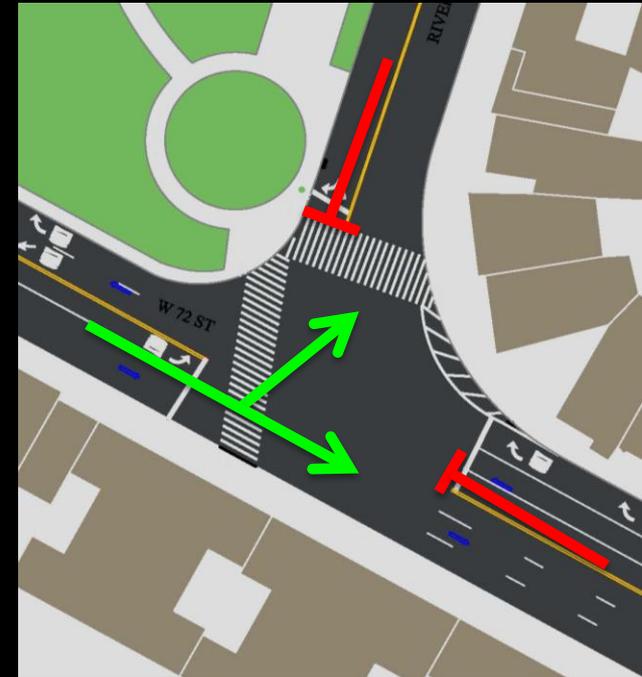
Existing Signal Phasing – W72nd St



Phase A: Riverside Dr
44 secs



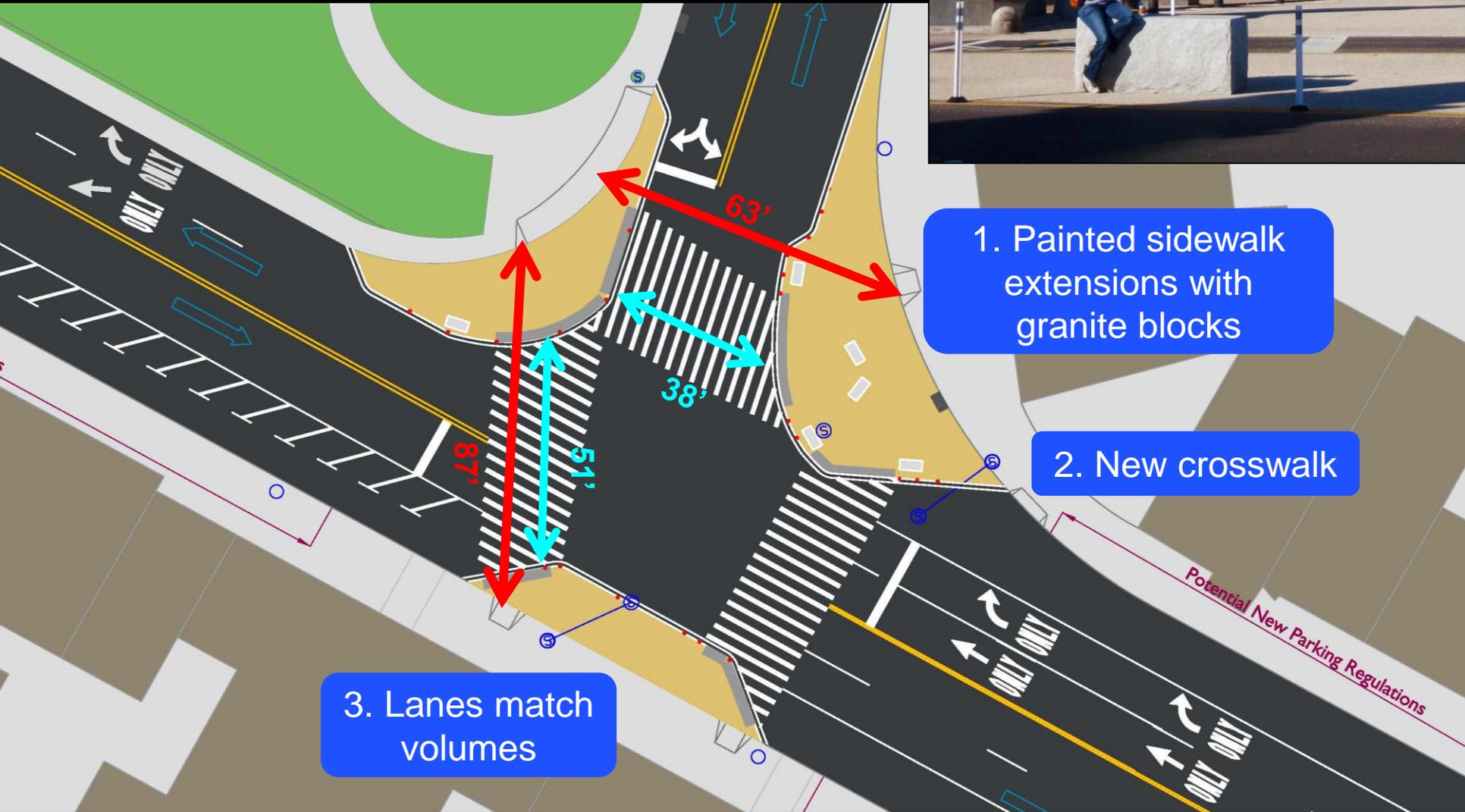
Phase B: W72nd St
35 secs



Phase C: W72nd Left Turn
11 secs

Separate phase for 35 left turns in the peak hour

Proposed Plan – W72nd St

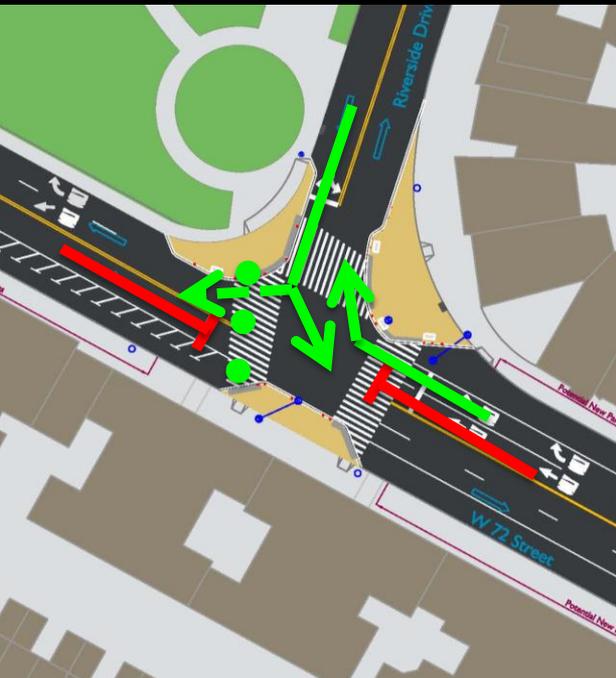


1. Painted sidewalk extensions with granite blocks

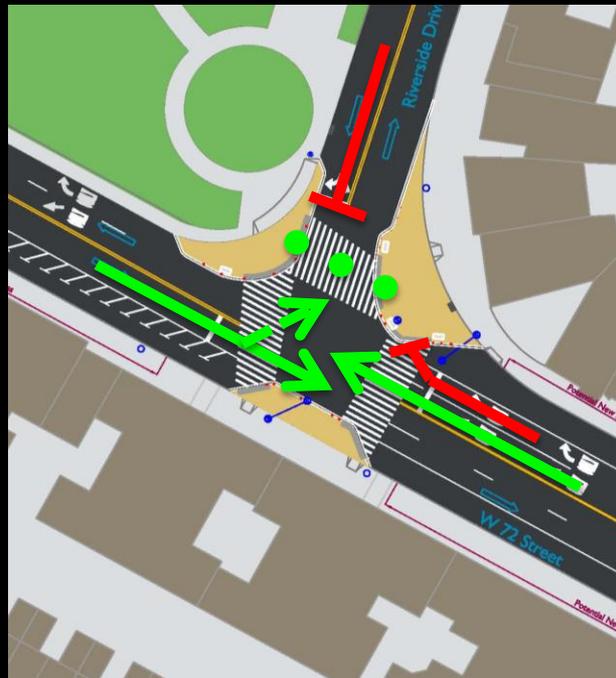
2. New crosswalk

3. Lanes match volumes

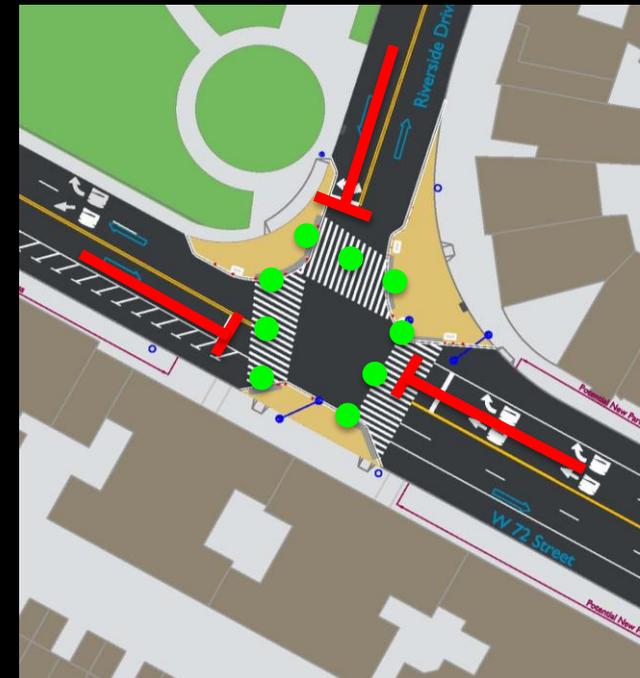
Proposed Signal Phasing – W72nd St



Phase A: Riverside Dr
35 secs



Phase B: W72nd St
30 secs



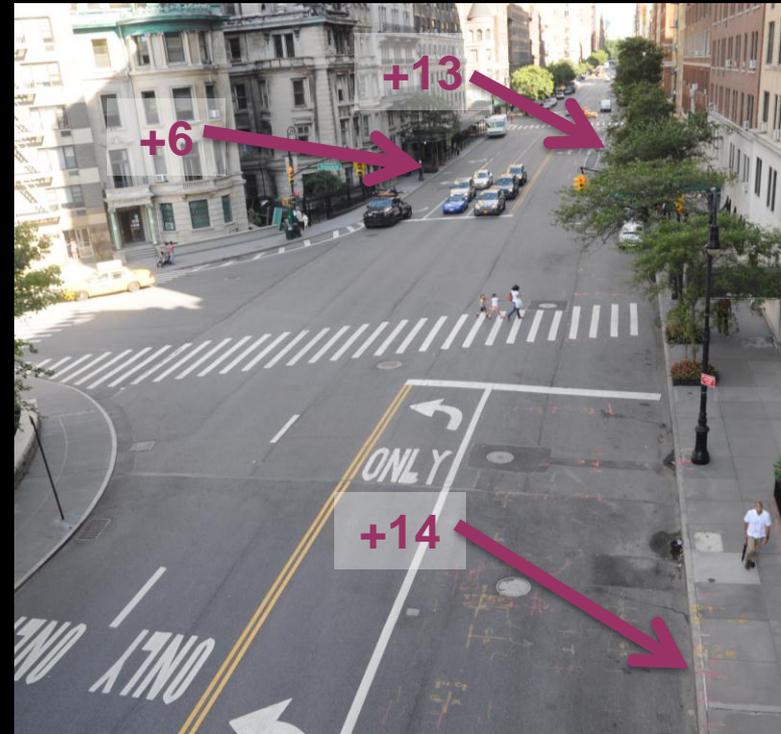
Phase C: All Pedestrian
25 secs

Proposed Parking Options – W72nd St

South Side, Riverside Dr to West End	+13 spaces
South Side, Riverside Blvd to Riverside Dr	+14 spaces
North Side, Riverside Dr to West End	+6 spaces
Total added: 33 spaces	

Options

1. Alternate side parking
2. No Parking 7 am – 7 pm
3. Keep existing regulations



Anticipated Benefits – W72nd St

1. Tightened intersection
2. Shorter, safer pedestrian crossings
3. Additional parking capacity
4. Organized vehicle movements





www.nyc.gov/dot

Thank
You