

# Riverside Dr at W72nd St

## Pedestrian Improvements

2014



Commissioner Polly Trottenberg New York City Department of Transportation  
Presented by the Pedestrian Projects Group on May 13, 2014 to Community Board 7 Transportation Committee



# Project Area

Riverside  
Park

Hudson  
River

Henry Hudson Parkway

Riverside Drive

HH Pkwy  
Exit

HH Pkwy  
Entrance

CB 7 voted in  
support of proposal

West 79th St

West 72<sup>nd</sup> and  
Riverside Drive

West 72<sup>nd</sup> St



# 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

More information:

[www.nyc.gov/html/dot/html/motorist/westside.shtml](http://www.nyc.gov/html/dot/html/motorist/westside.shtml)

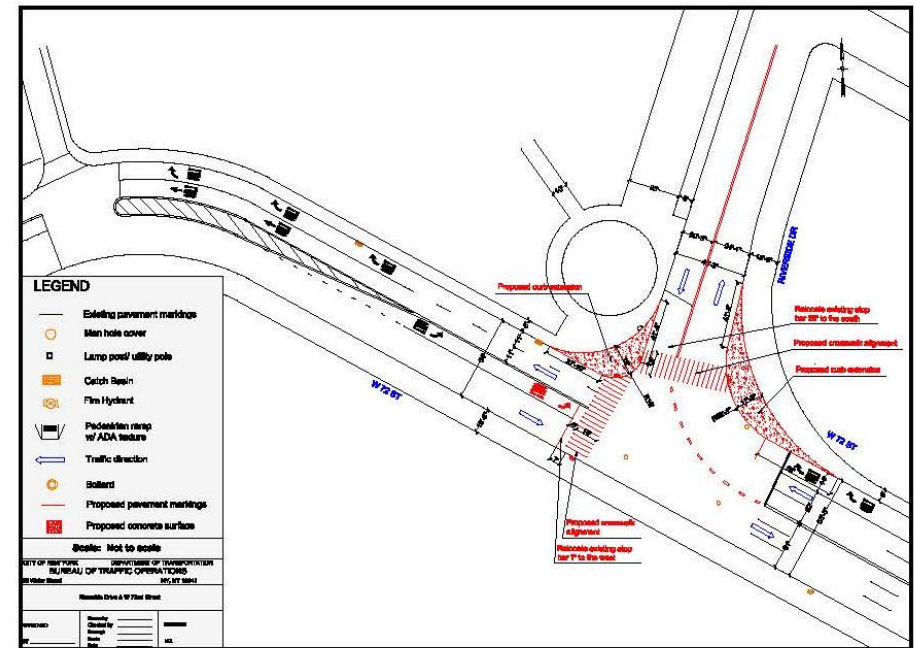


Figure 3-2b: Proposed Condition - Riverside Drive & West 72nd Street

## West Side Manhattan Transportation Study Technical Memorandum No. 2

## Crash Data

- While crash data is low, street is over engineered for current traffic volumes, encouraging high speeds

### W72ST At Riverside Dr, MN

#### Injury Summary, 2007-2011 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	1	0	0	0
Bicyclist	0	0	0	0
Motor Vehicle Occupant	1	1	0	1
Total	2	1	0	1

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

Source: Fatalities: NYCDOT  
Injuries: NYSDOT  
KSI: Persons Killed or  
Severely Injured



# Existing Conditions – W72<sup>nd</sup> St

Overly wide intersection



Excessive roadway with low volumes



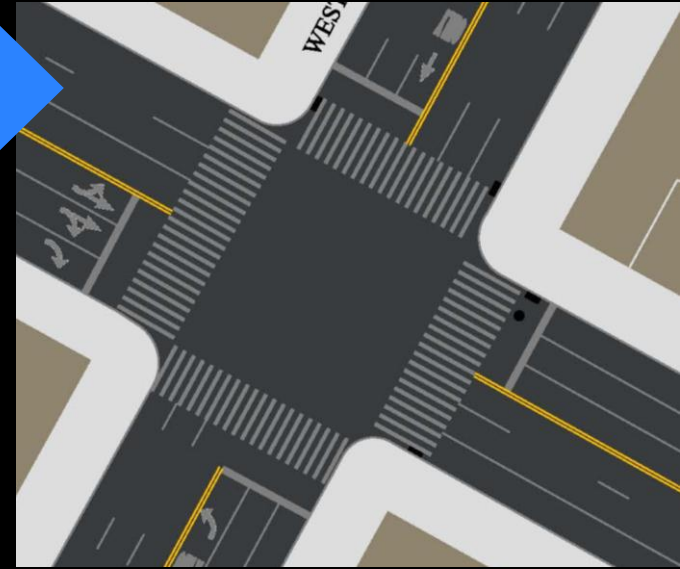
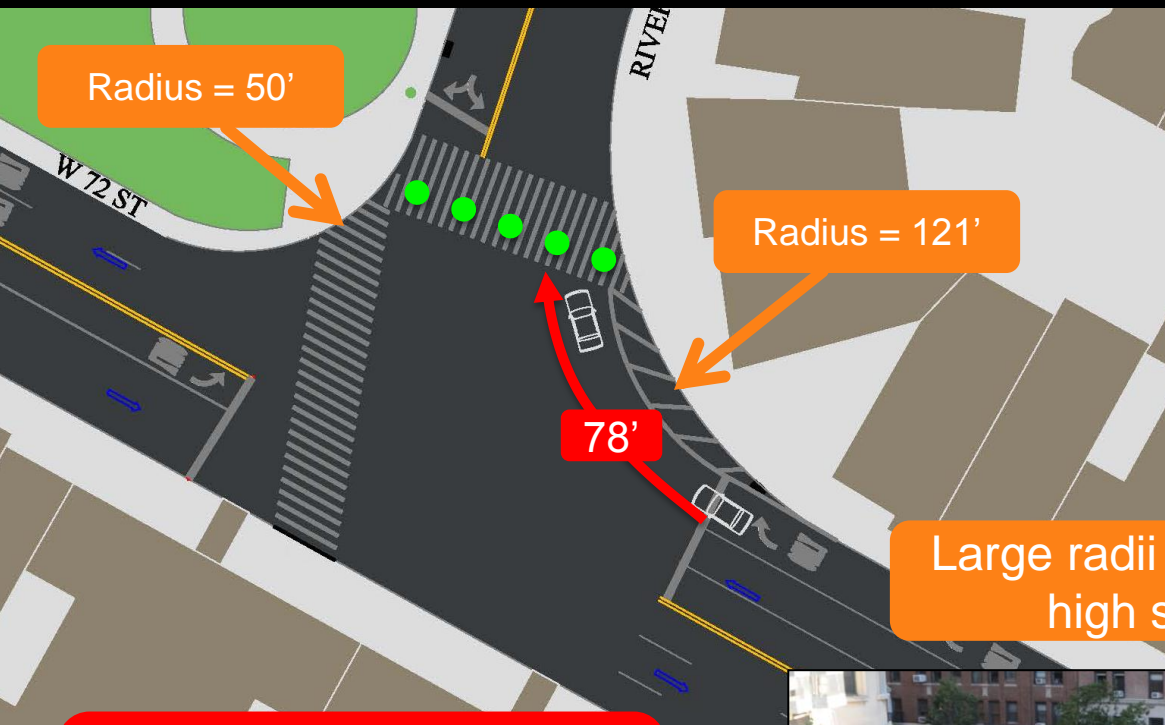
No crosswalk



Indirect crosswalks



# Existing Conditions – W72<sup>nd</sup> St



Long distance allows cars to accelerate as they approach crosswalk

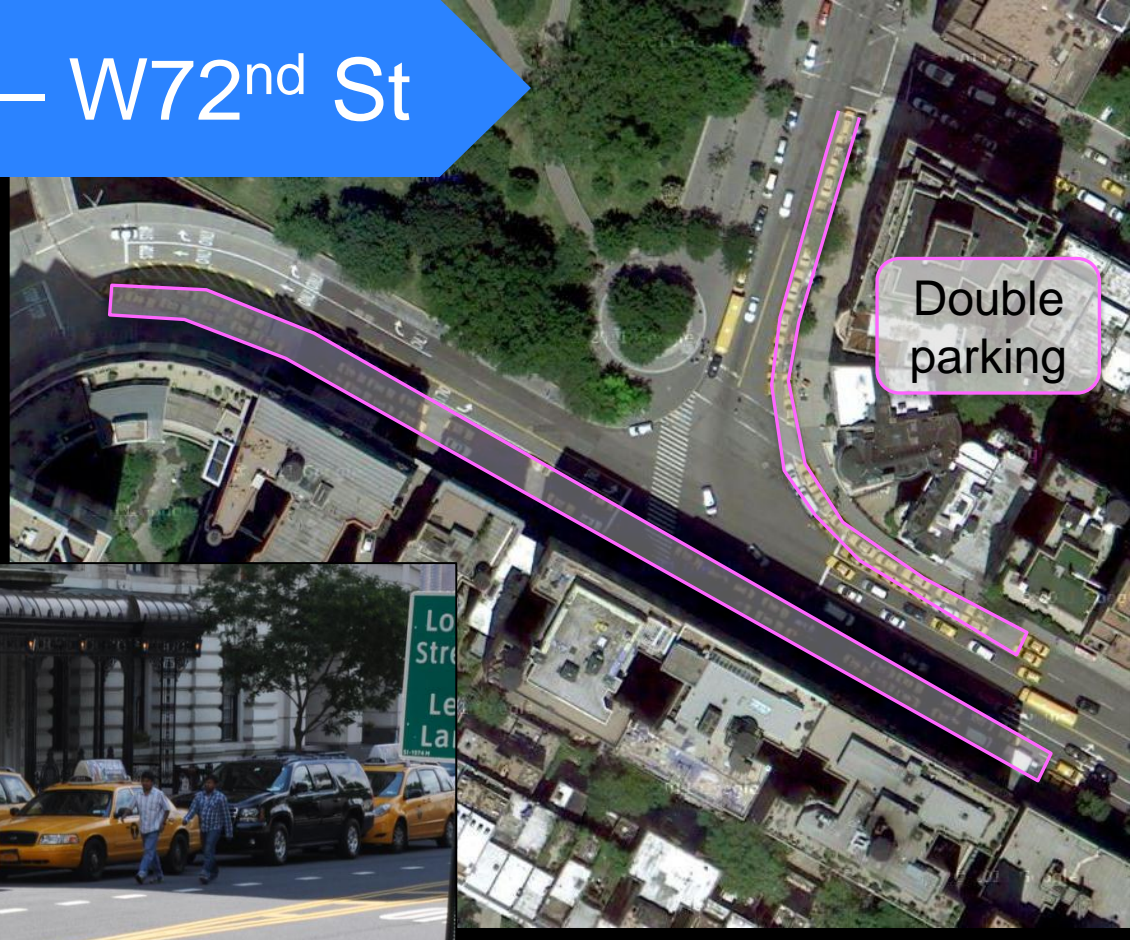
Poor sight lines due to wide intersection





# Existing Conditions – W72<sup>nd</sup> St

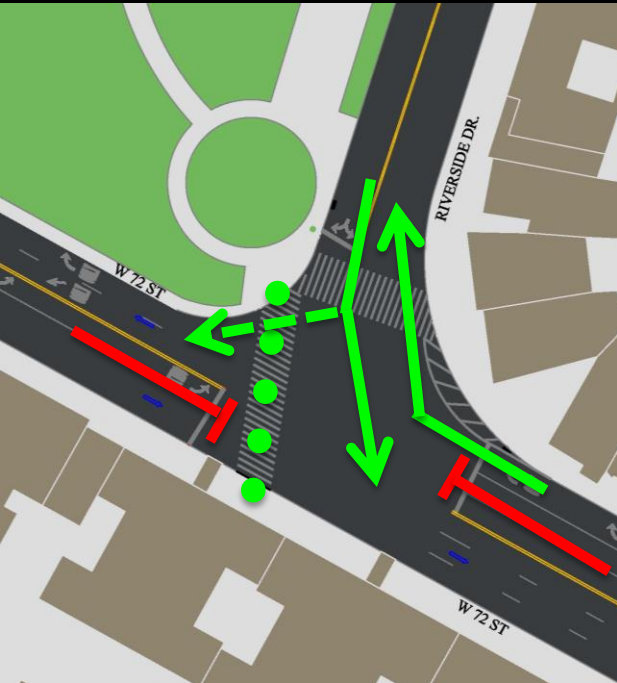
Frequent double parking condition



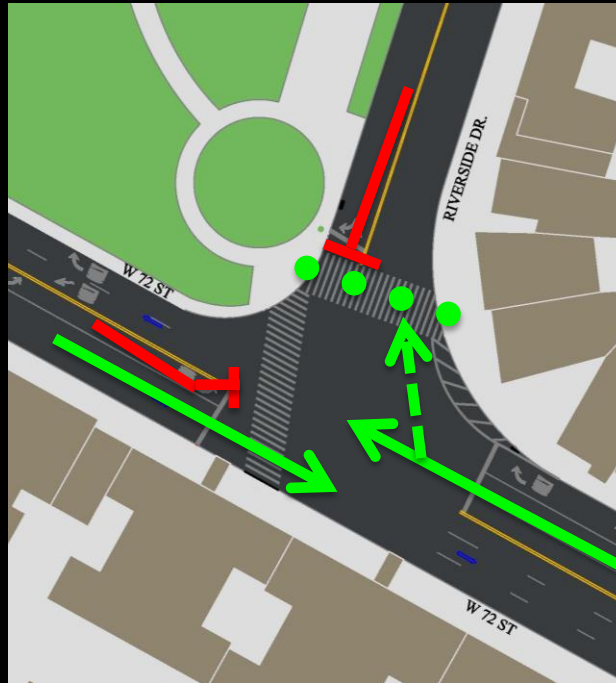
Double parking



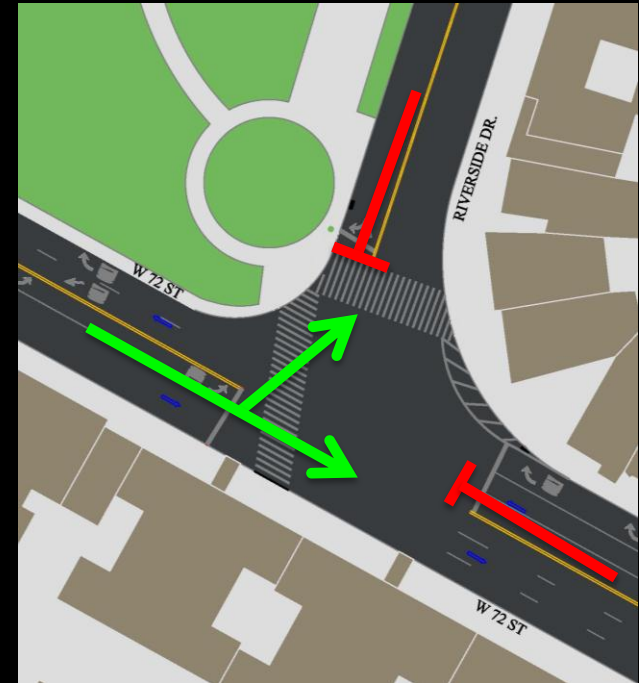
# Existing Signal Phasing – W72<sup>nd</sup> St



Phase A: Riverside Dr  
44 secs



Phase B: W72nd St  
35 secs

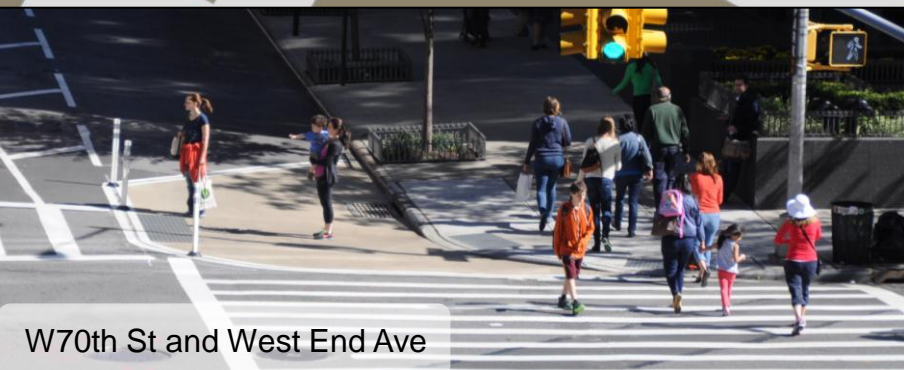
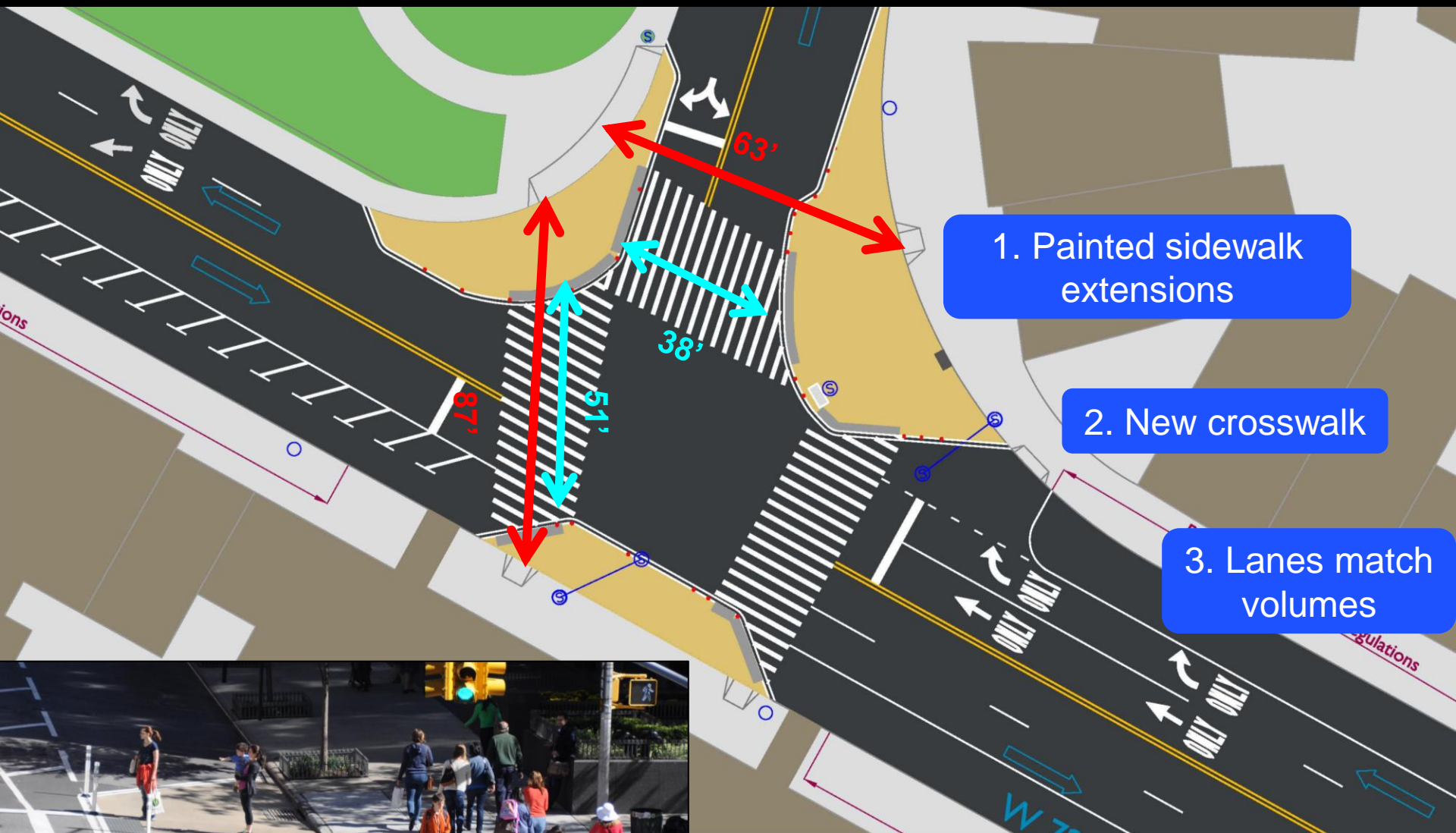


Phase C: W72nd Left Turn  
11 secs

Separate phase for 35 left turns in the peak hour



# Proposed Plan – W72<sup>nd</sup> St





# Proposed Treatment Example

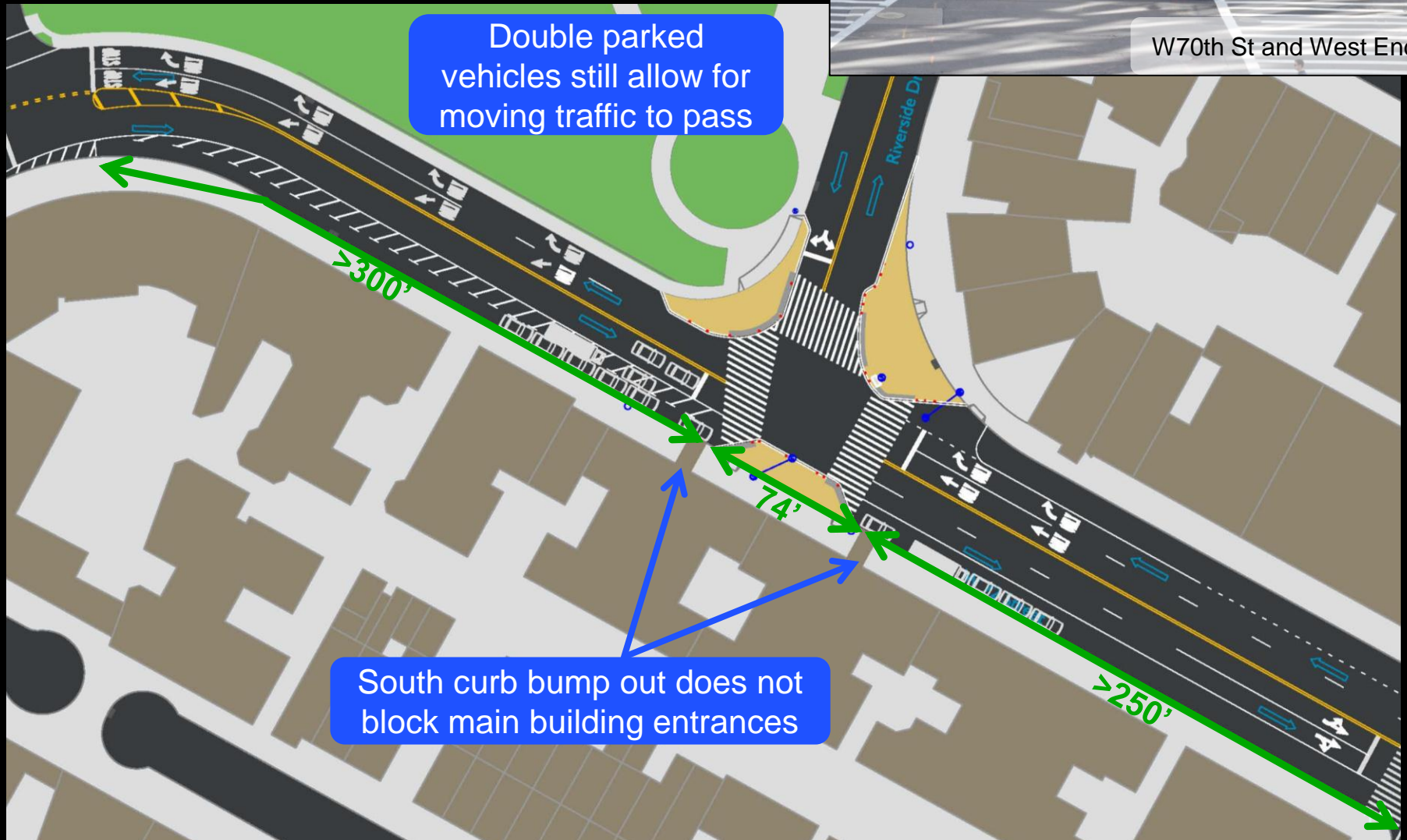


W70th St and West End Ave

# Proposed Plan – W72<sup>nd</sup> St

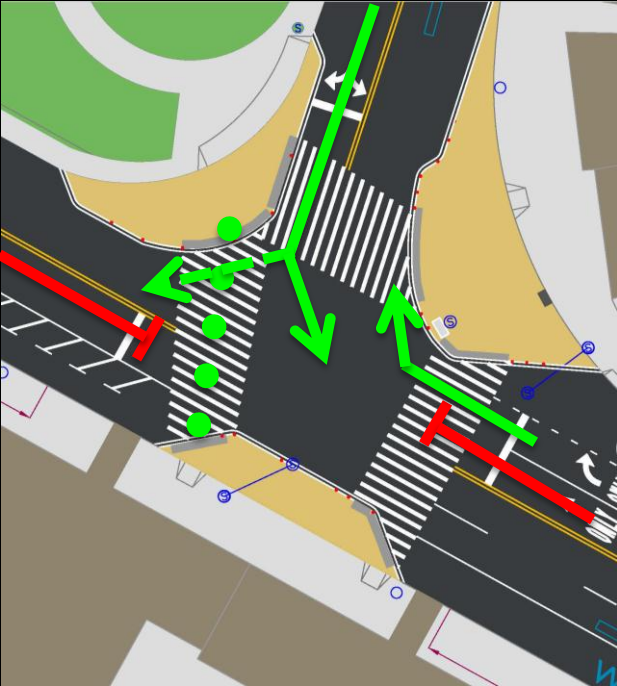


W70th St and West End Ave

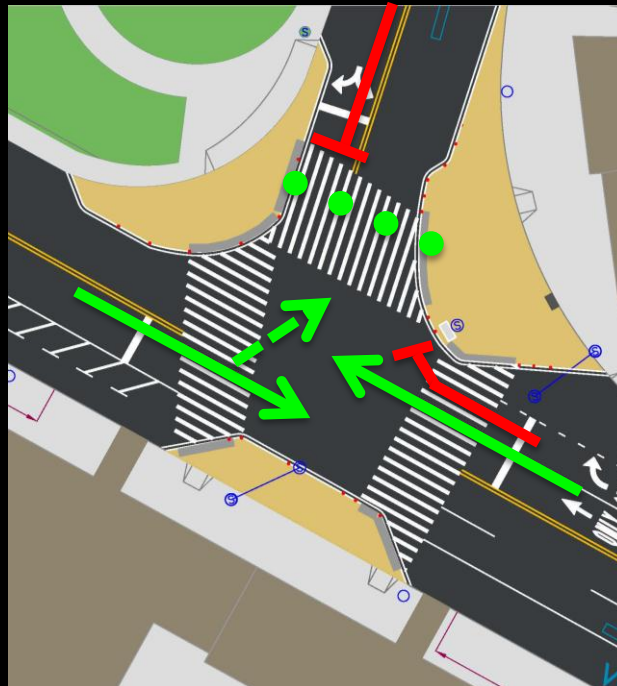




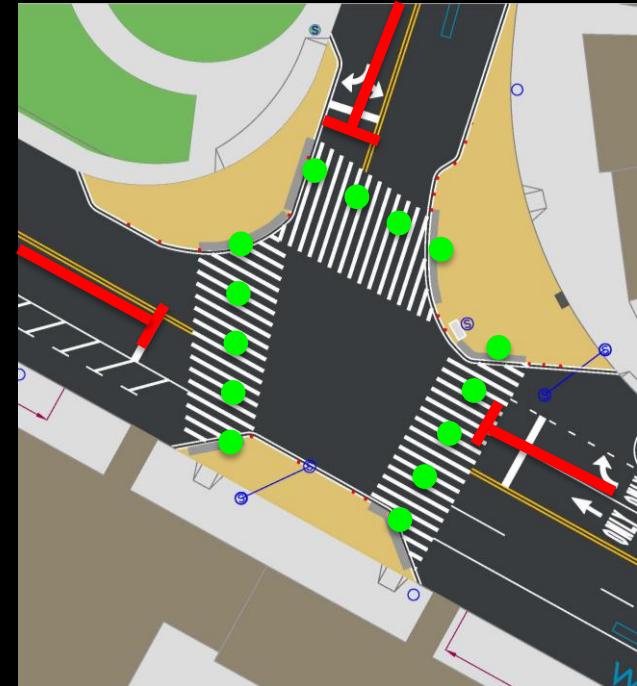
# Proposed Signal Phasing – W72<sup>nd</sup> St



Phase A: Riverside Dr  
35 secs



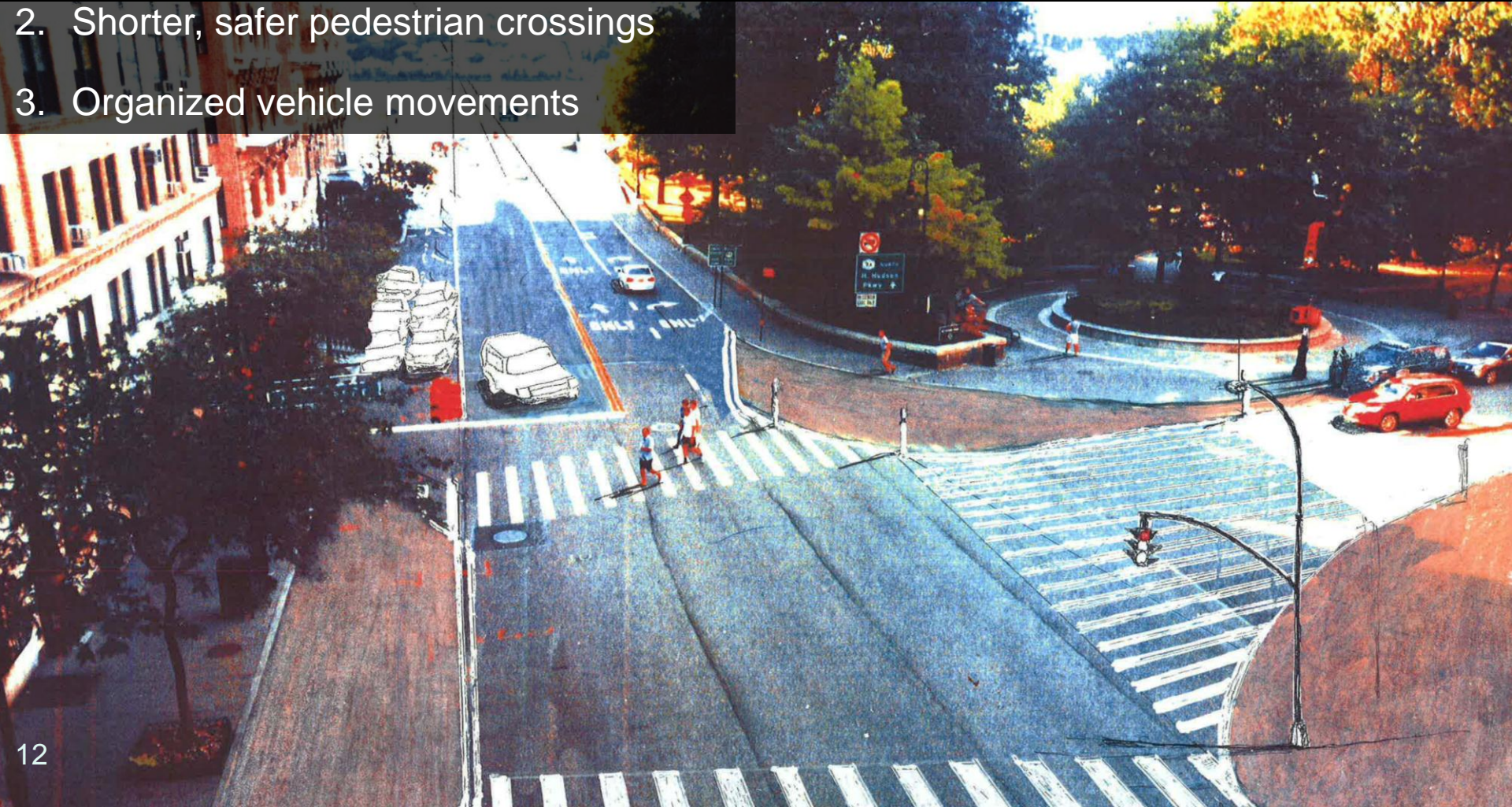
Phase B: W72nd St  
30 secs



Phase C: All Pedestrian  
25 secs

# Anticipated Benefits – W72nd St

1. Traffic calming
2. Shorter, safer pedestrian crossings
3. Organized vehicle movements







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

Thank  
You