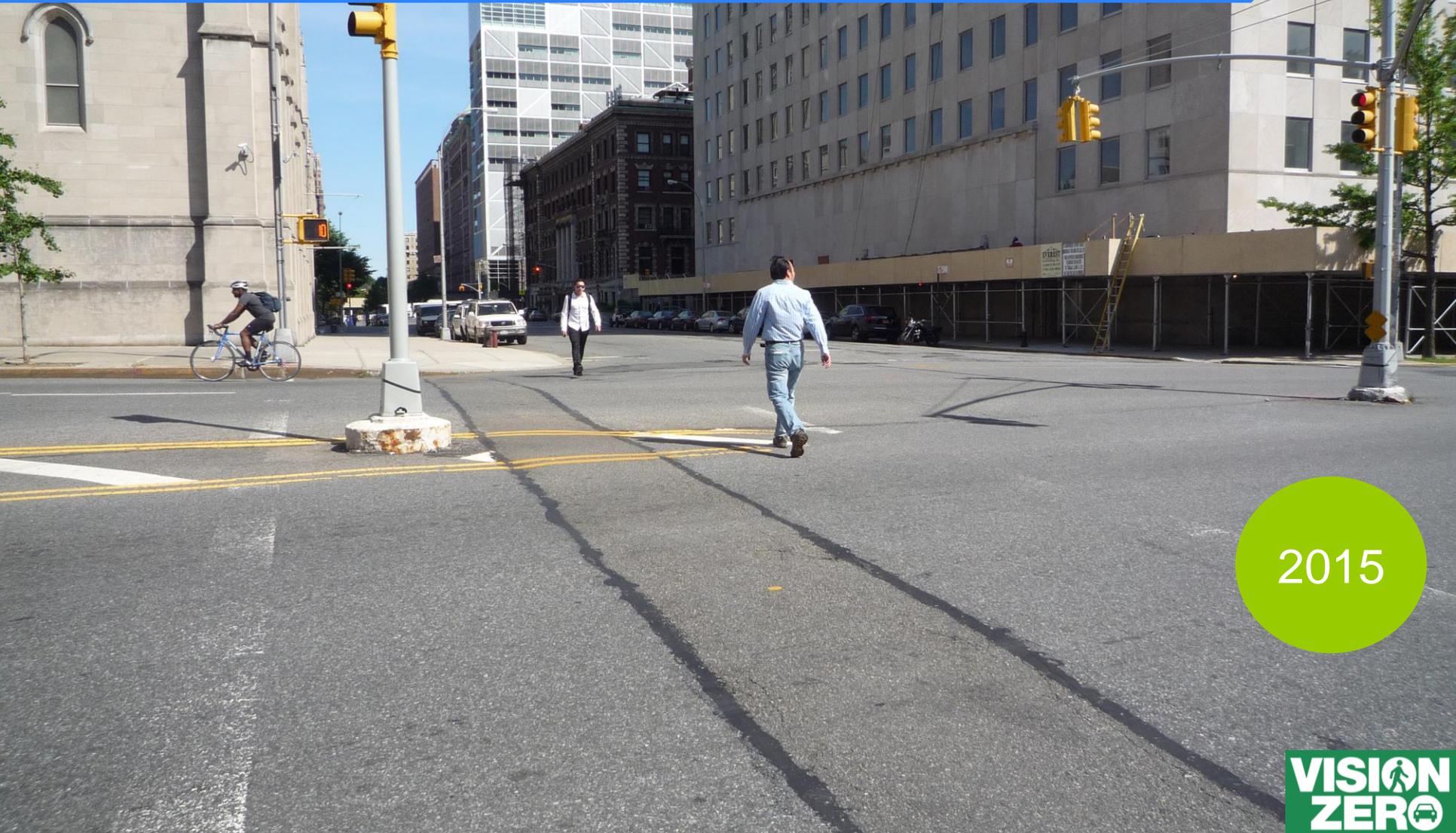


# Riverside Drive 116<sup>th</sup> St to 135<sup>th</sup> St

Pedestrian Network Connections and Corridor Safety Improvements



2015

**VISION  
ZERO**

NEW YORK CITY



New York City Department of Transportation

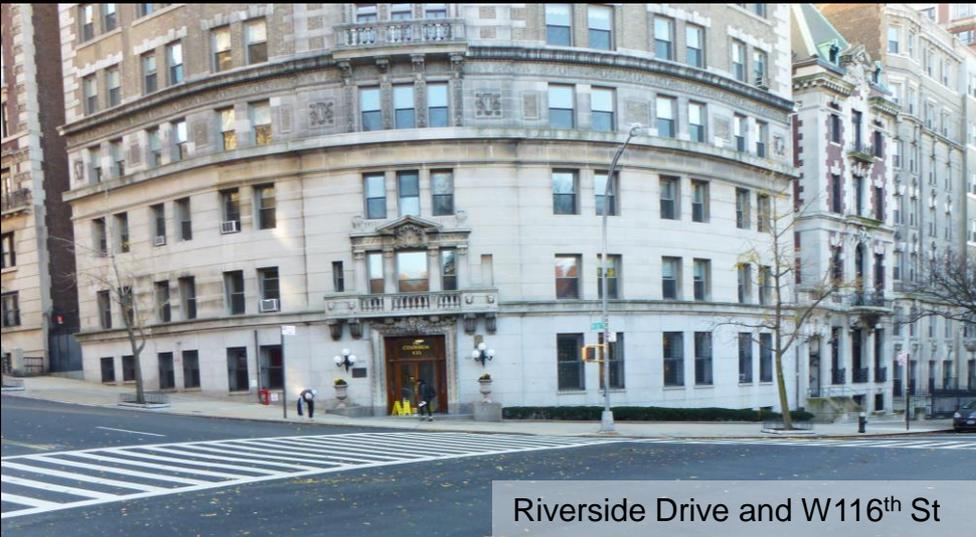
Presented by the Pedestrian Projects Group January 8, 2015 to the Community Board 9 Transportation Committee

# Project Background

- Community request to normalize SE corner of W116th St and Riverside Dr
- Parks request to improve bus connectivity to area attractions
- High Crash Corridor, ranking in the top third of Manhattan corridors



Riverside Drive and W120<sup>th</sup> St



Riverside Drive and W116<sup>th</sup> St

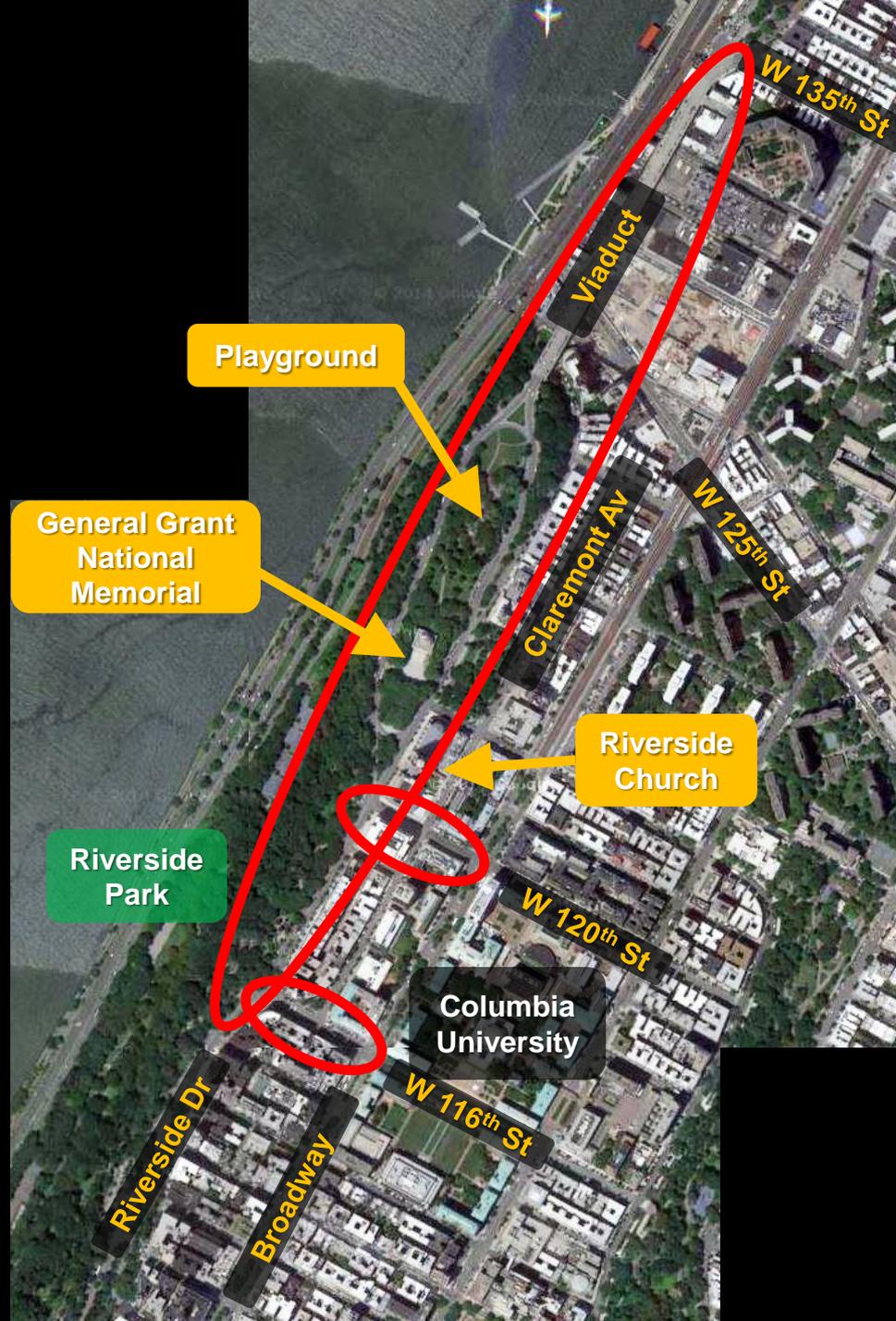
## Riverside Drive - W 116th St to W 135th St, MN Injury Summary, 2008-2012 (5 Years)

|                        | Total Injuries | Severe Injuries | Fatalities | KSI       |
|------------------------|----------------|-----------------|------------|-----------|
| Pedestrian             | 3              | 1               | 0          | 1         |
| Bicyclist              | 5              | 0               | 0          | 0         |
| Motor Vehicle Occupant | 63             | 19              | 0          | 19        |
| <b>Total</b>           | <b>71</b>      | <b>20</b>       | <b>0</b>   | <b>20</b> |

Fatalities, 01/01/2008-6/10/2014 : None

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

# Project Area



# Area Issues

Wide streets with low vehicle volumes



# Area Issues

Missing pedestrian connections



Between Riverside Church and Gen. Grant National Memorial



5

Bus stop/Tiemann stairs to playground



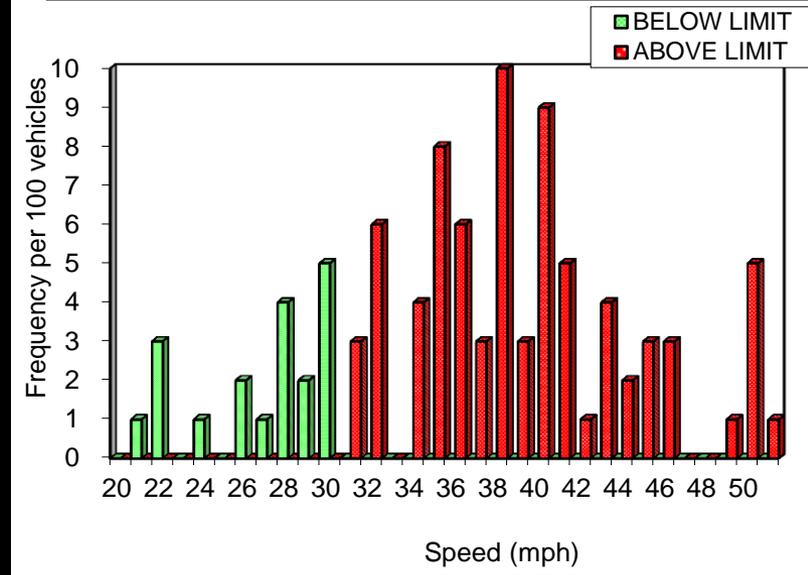
Continuation of East Side of Riverside Dr

# Area Issues

## Speeding on Viaduct

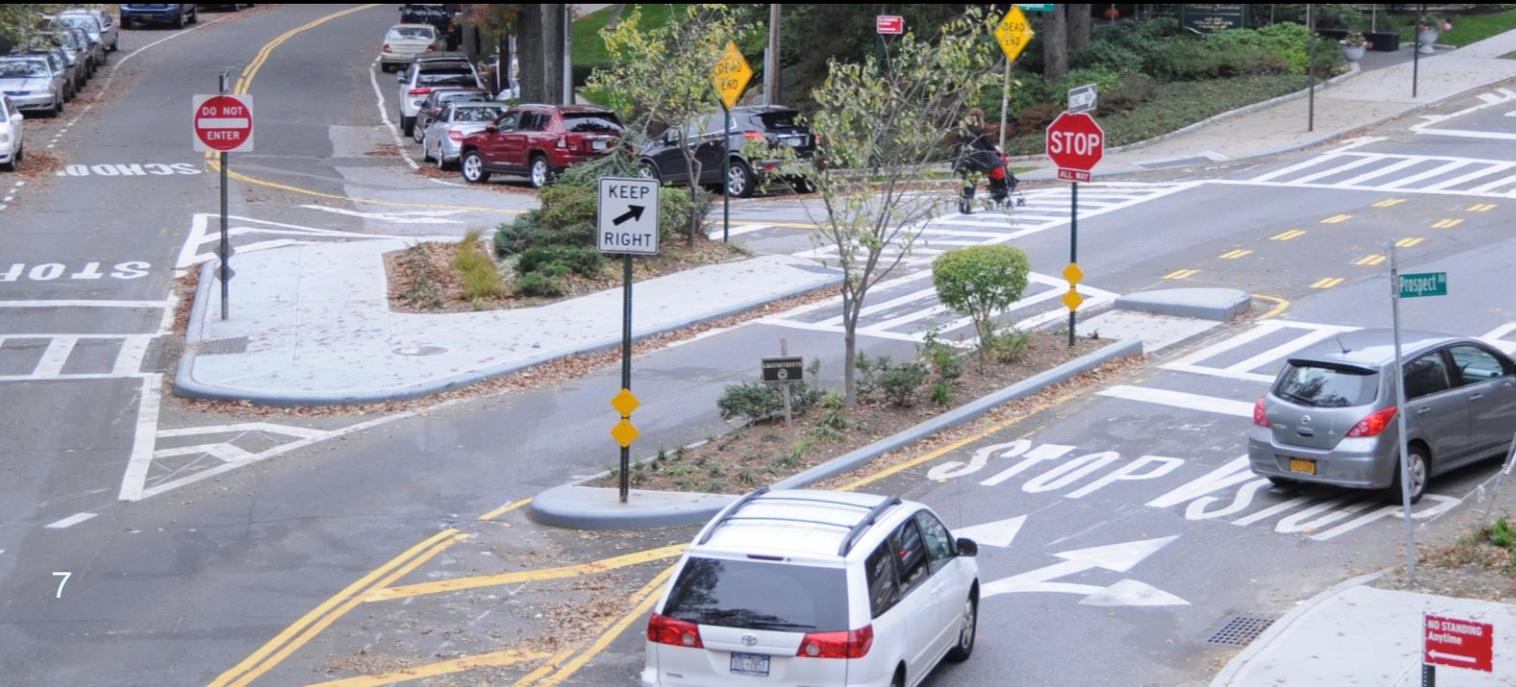
Average speeds of 36.5 mph observed midday on viaduct

79% of vehicles speed on viaduct



# Rapid Response Toolkit

- Concrete Islands and Triangles
- Pavement markings
- Signals
- Signage



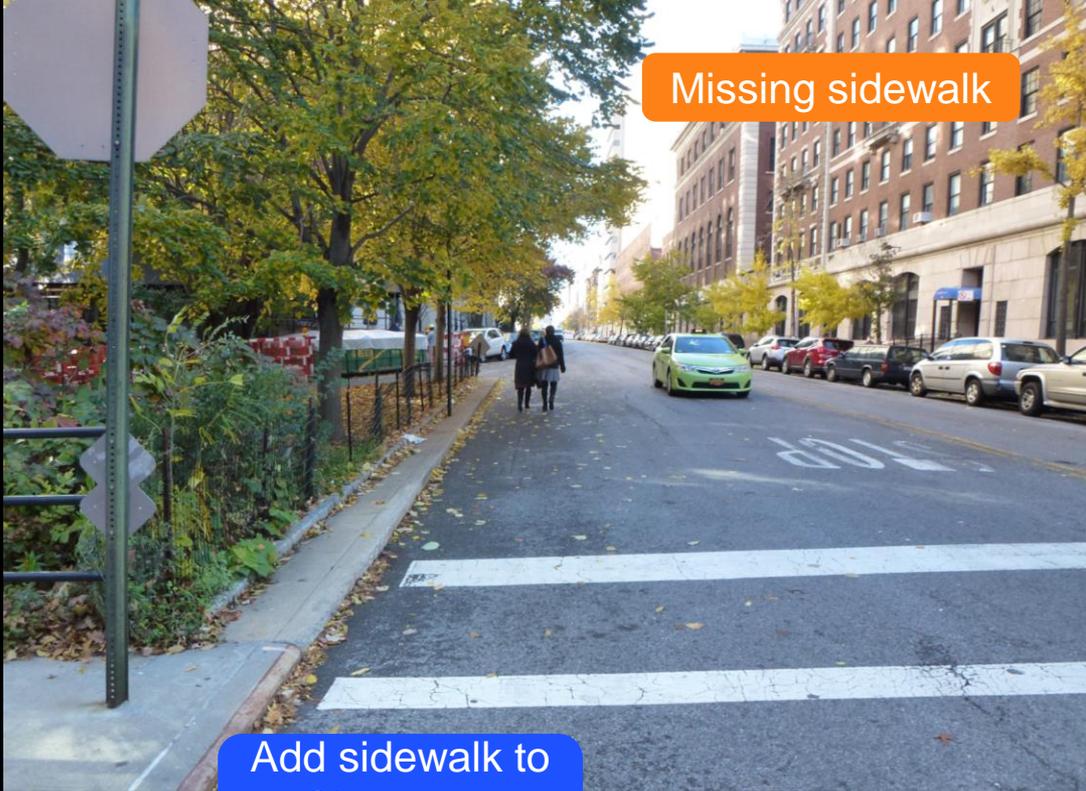
# Proposal

W116th St

Atypical extra large radius on SE corner

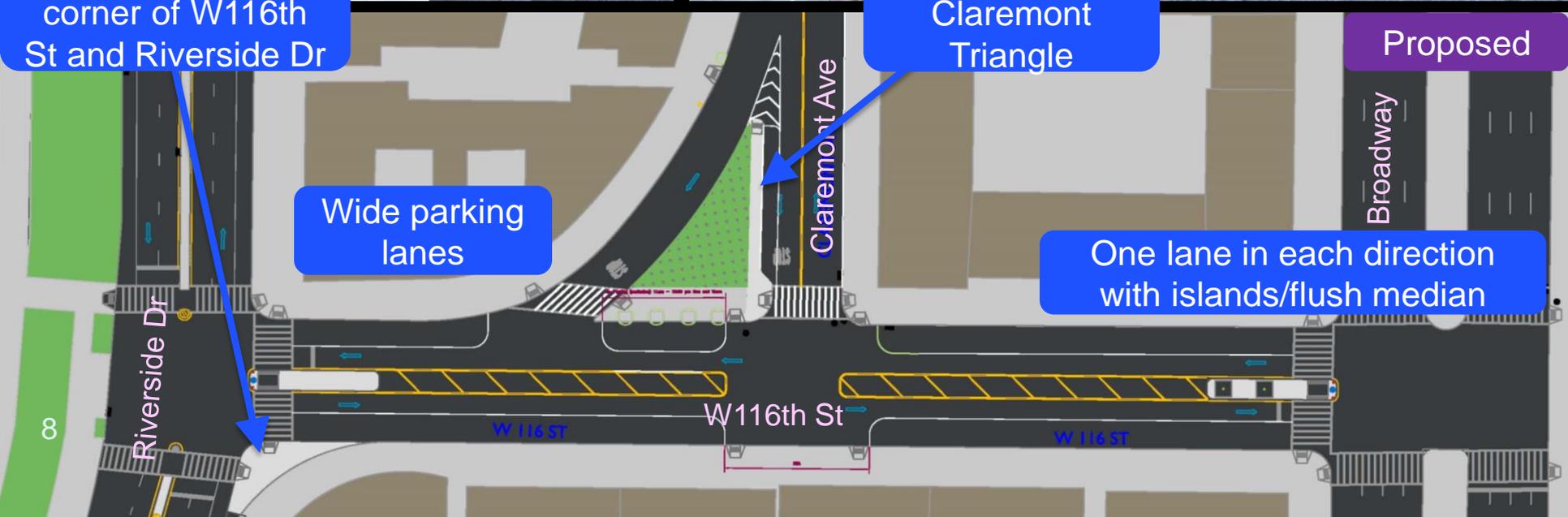


Missing sidewalk



Normalize SE corner of W116th St and Riverside Dr

Add sidewalk to Claremont Triangle



Wide parking lanes

One lane in each direction with islands/flush median

Proposed

# Proposal

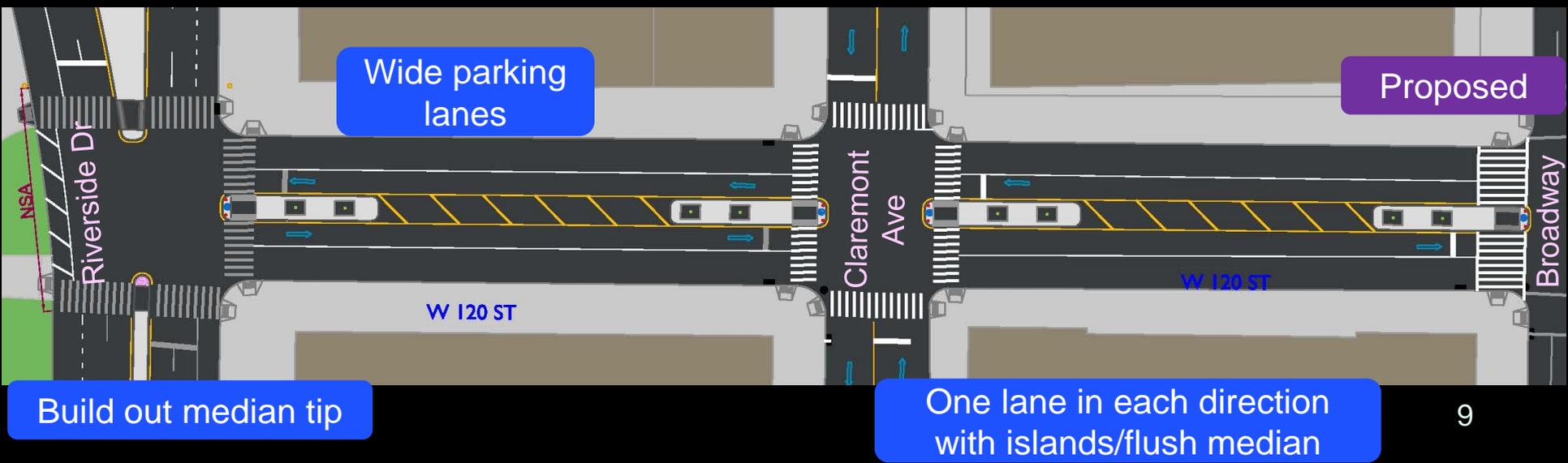
W120th St



Low vehicular volumes

Wide roadbed

Looking east from Riverside Dr.



Wide parking lanes

Proposed

Build out median tip

One lane in each direction with islands/flush median

# Proposal

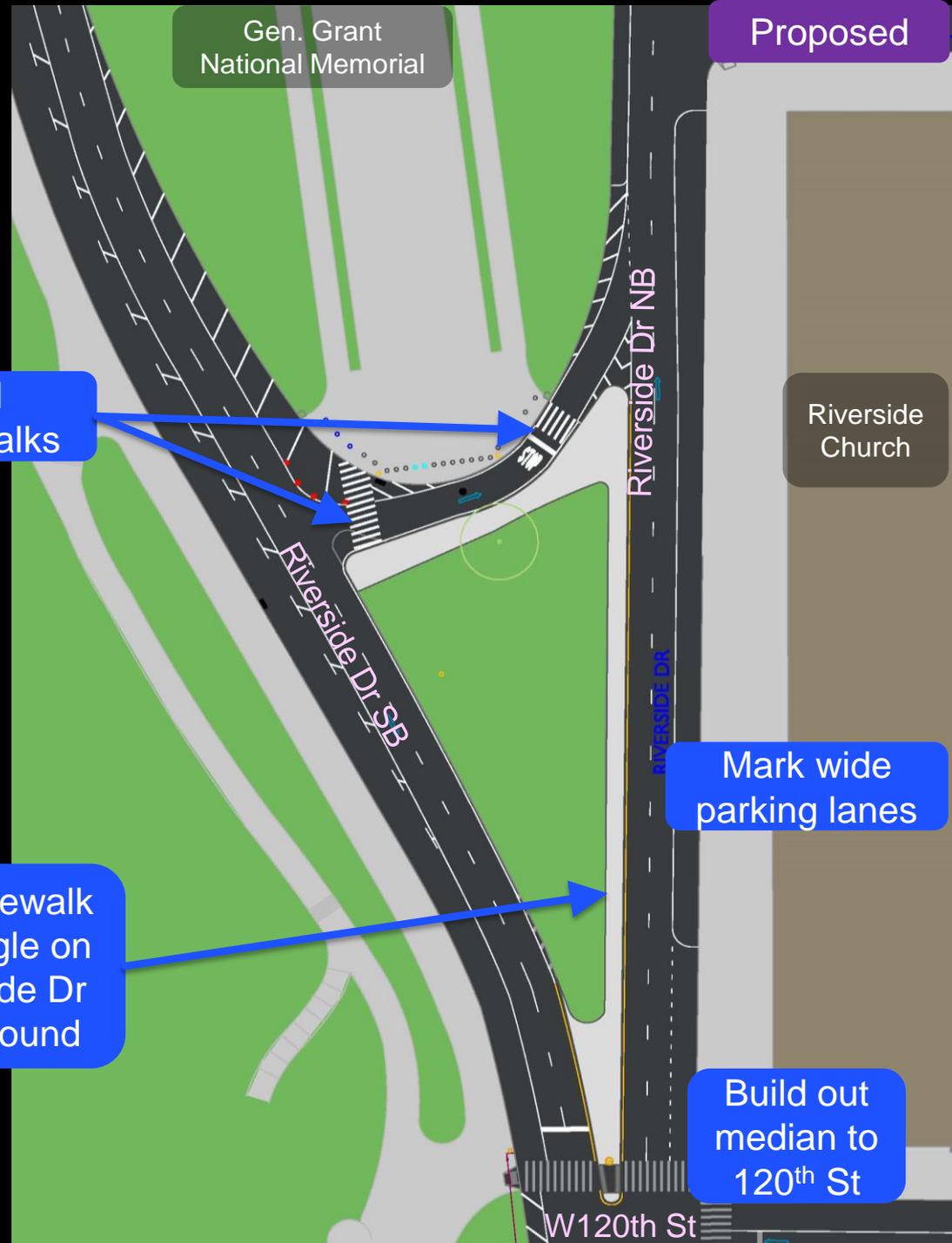
## South Triangle



Add crosswalks



Add sidewalk to triangle on Riverside Dr Northbound



Gen. Grant National Memorial

Proposed

Riverside Church

Mark wide parking lanes

Build out median to 120th St

# Proposal

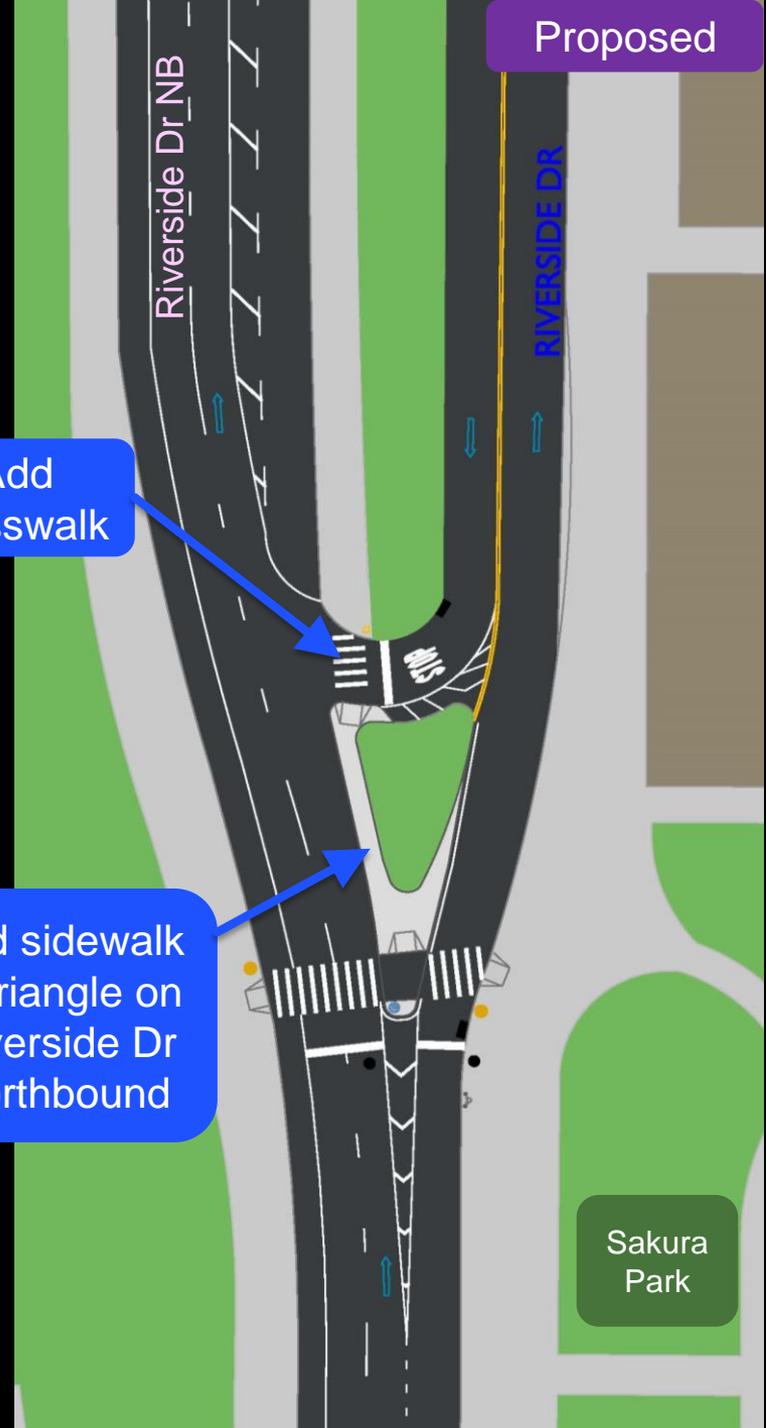
## Northbound Split



Add crosswalk



Add sidewalk to triangle on Riverside Dr Northbound

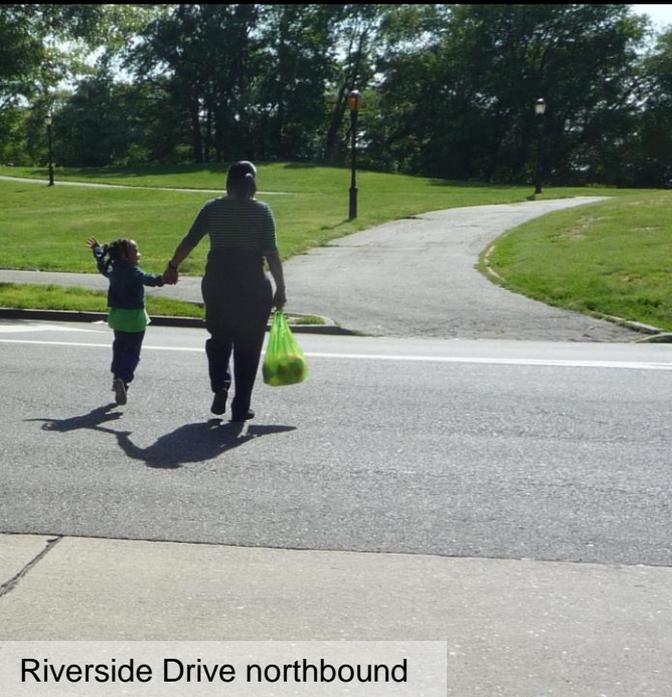


Proposed

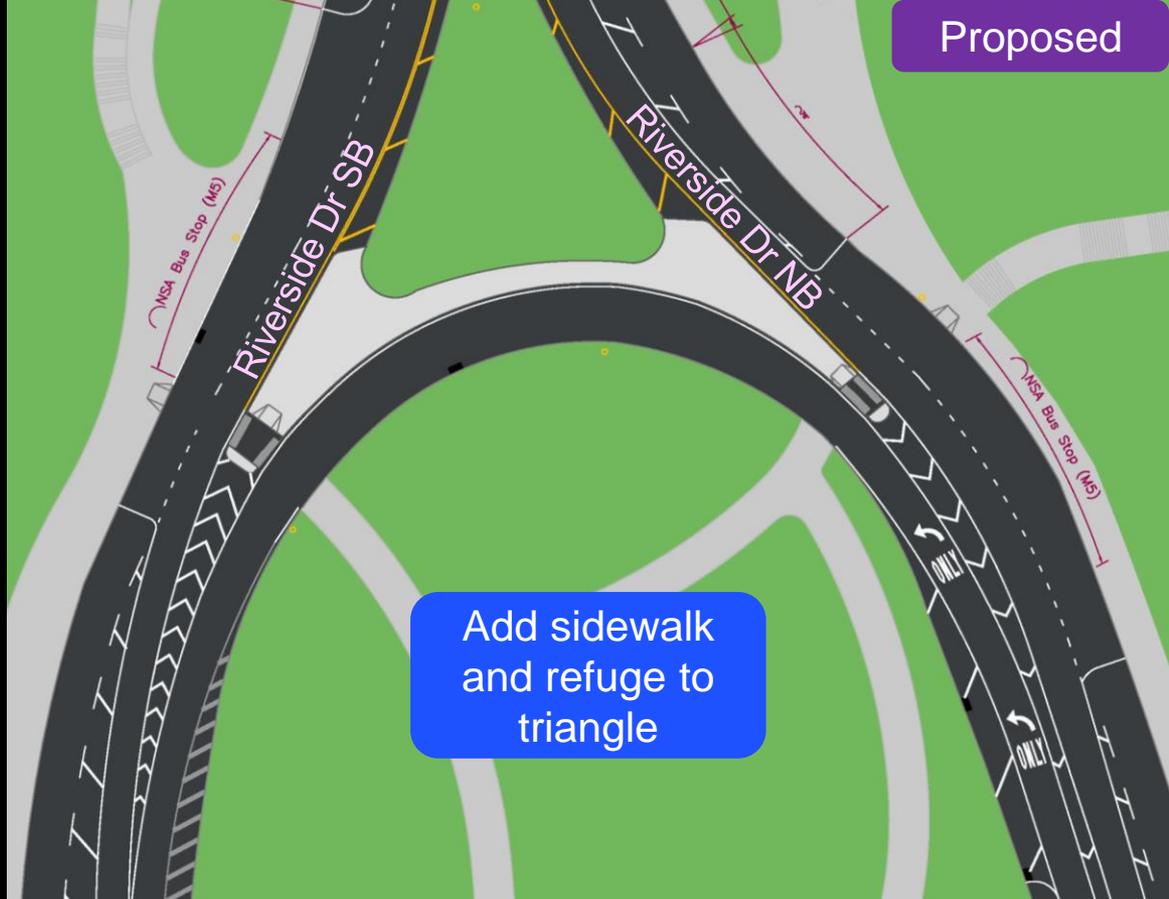
Sakura Park

# Proposal

## North Triangle



Riverside Drive northbound



Proposed

Add sidewalk and refuge to triangle



Riverside Drive southbound

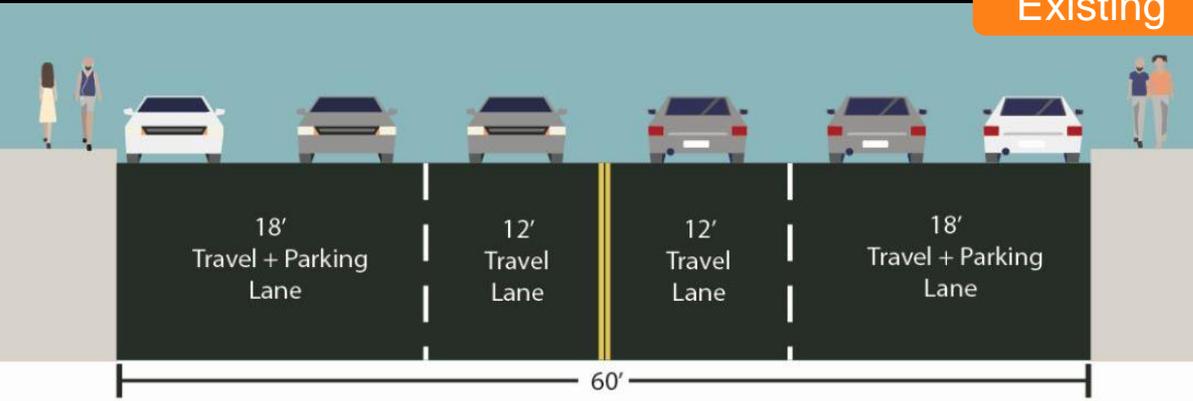


Riverside Drive southbound

# Proposal

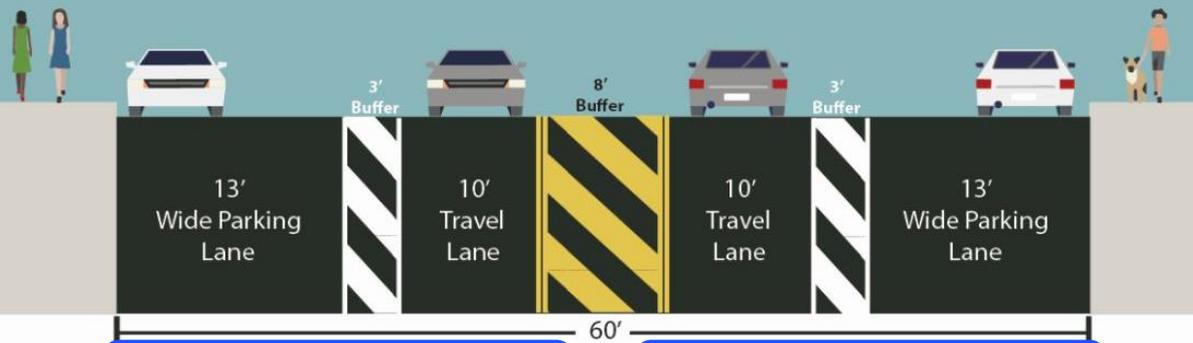
## Riverside Dr Viaduct

Existing



Reduce speed limit to 25 mph

Proposed

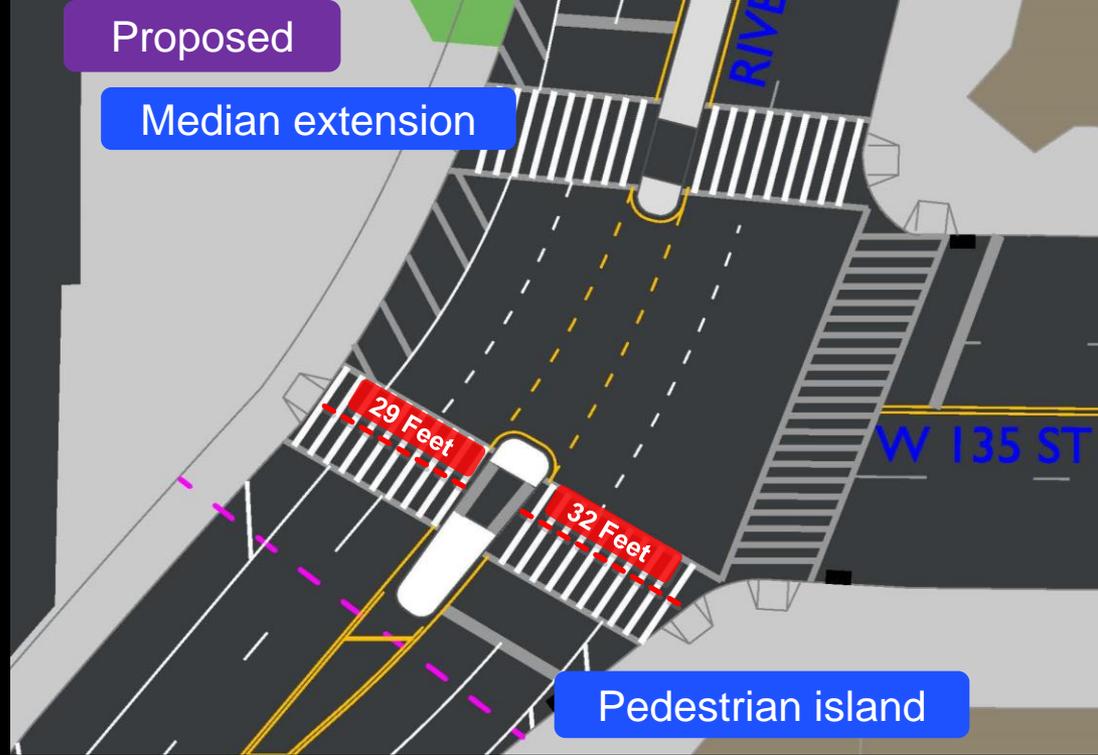


Reduce moving lanes to one per direction

Mark wide parking lanes

# Proposal

Riverside Dr and 135<sup>th</sup> St



# Summary

1. Normalize SE corner of 116th St and Riverside Dr
2. Remove a lane in each direction and construct green pedestrian safety islands on W116th St and W120th St
3. Extend median tips at W116th St and W120th St on Riverside Dr
4. Relocate signal pole out of the roadbed at 120th St
5. Mark crosswalks at southern slip road and Riverside Dr NB split at Sakura Park
6. Construct sidewalks at Grant's Tomb north and south island slip roads, Riverside Dr NB split at Sakura Park, and at Claremont Ave and W116th St triangle

# Benefits

1. Improves pedestrian safety
2. Creates pedestrian connectivity
3. Calms traffic





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Thank  
You