Riverside Drive 116th St to 135th St

Pedestrian Network Connections and Corridor Safety Improvements

2015

VISION ZERO

NEW YORK CITY DOT

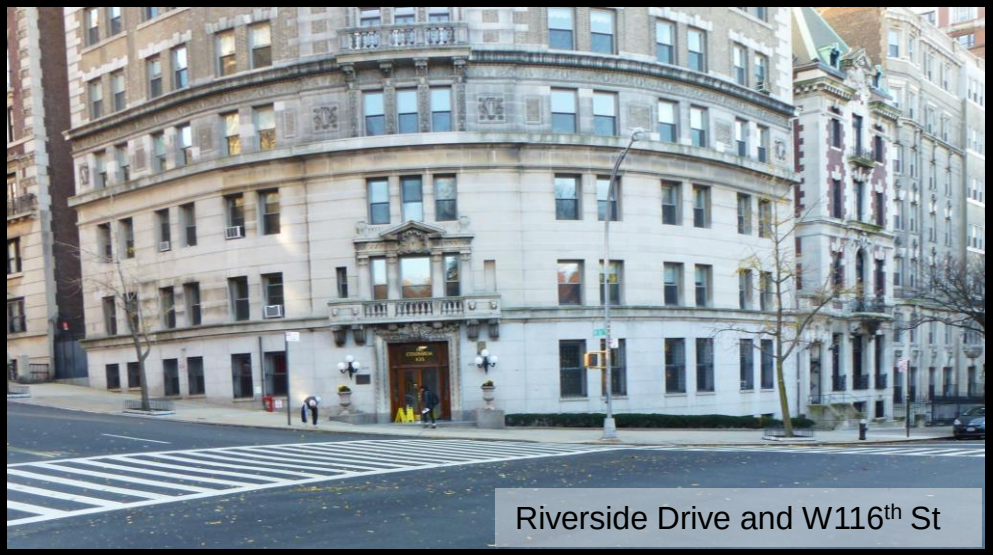
New York City Department of Transportation

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 W120th St



Riverside Drive and W116th St

Riverside Drive - W 116th St to W 135th St, MN

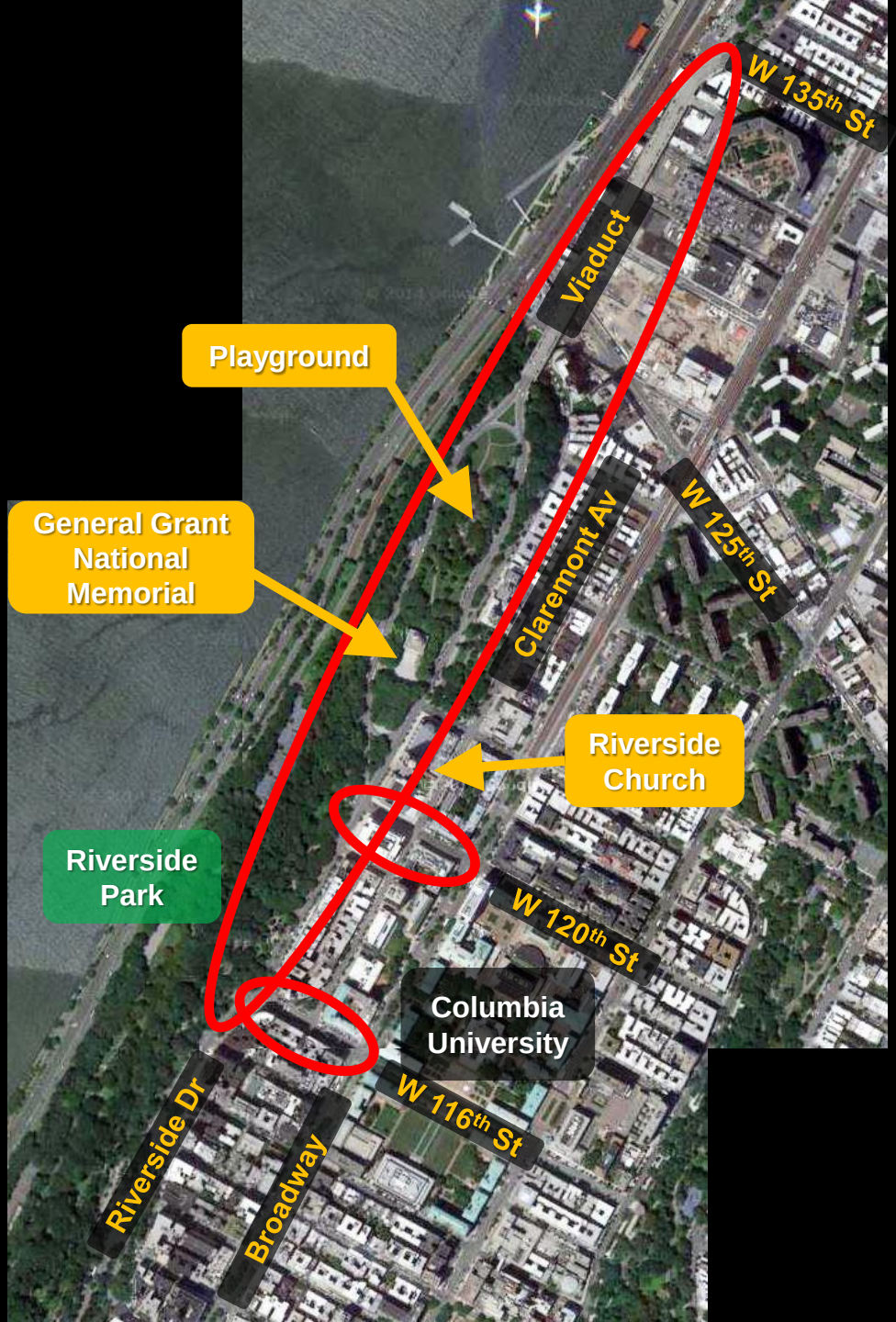
Injury Summary, 2008-2012 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	3	1	0	1
Bicyclist	5	0	0	0
Motor Vehicle Occupant	63	19	0	19
Total	71	20	0	20

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

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

Project Area



Area Issues

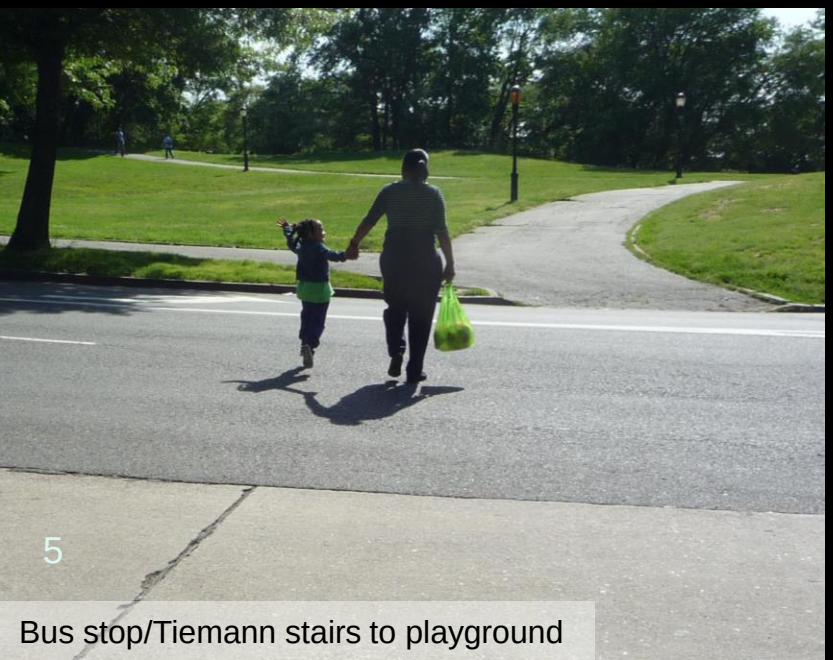
Wide streets with low vehicle volumes

W116th St

Area Issues

Missing pedestrian connections

Between Riverside Church and Gen. Grant National Memorial



Bus stop/Tiemann stairs to playground

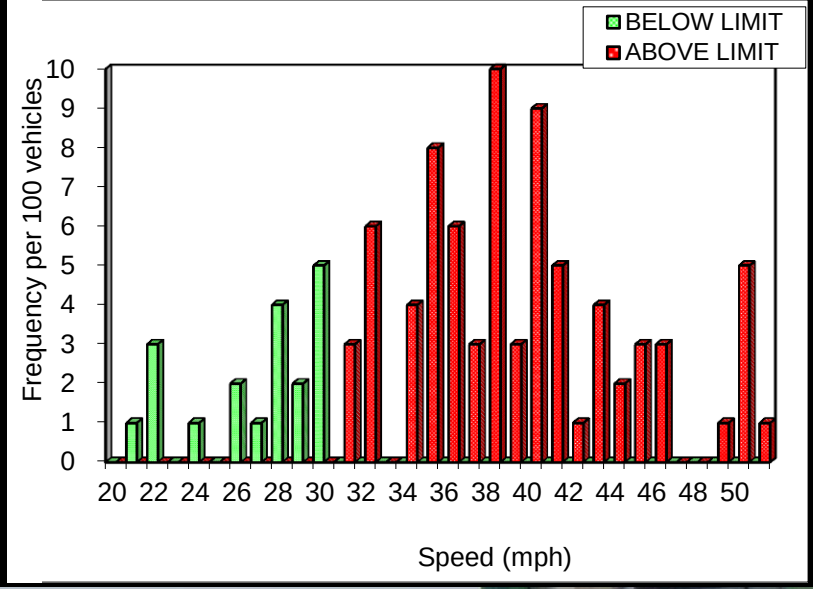
Continuation of East Side of Riverside Dr

Area Issues

Speeding on Viaduct

Average speeds of 36.5 mph observed midday on viaduct

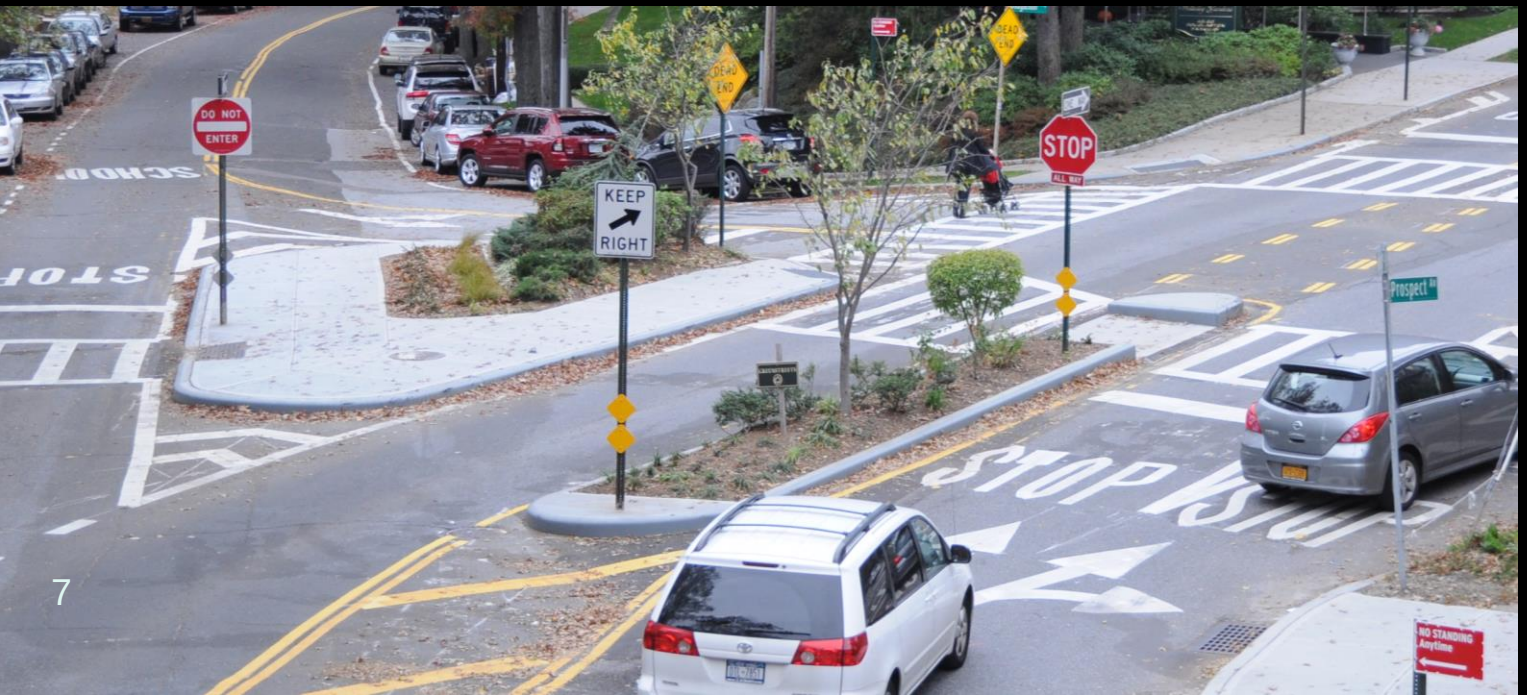
79% of vehicles speed on viaduct



Looking north

Rapid Response Toolkit

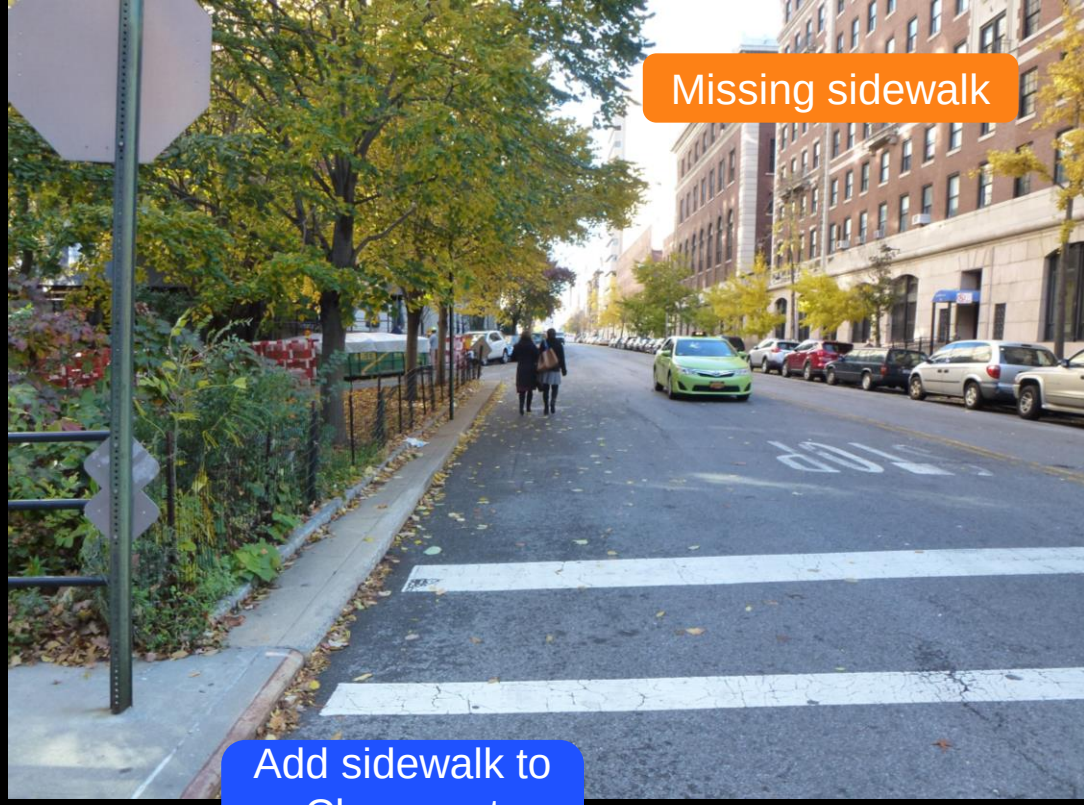
- Concrete Islands and Triangles
- Pavement markings
- Signals
- Signage



Proposal

W116th St

Atypical extra large radius on SE corner



Missing sidewalk

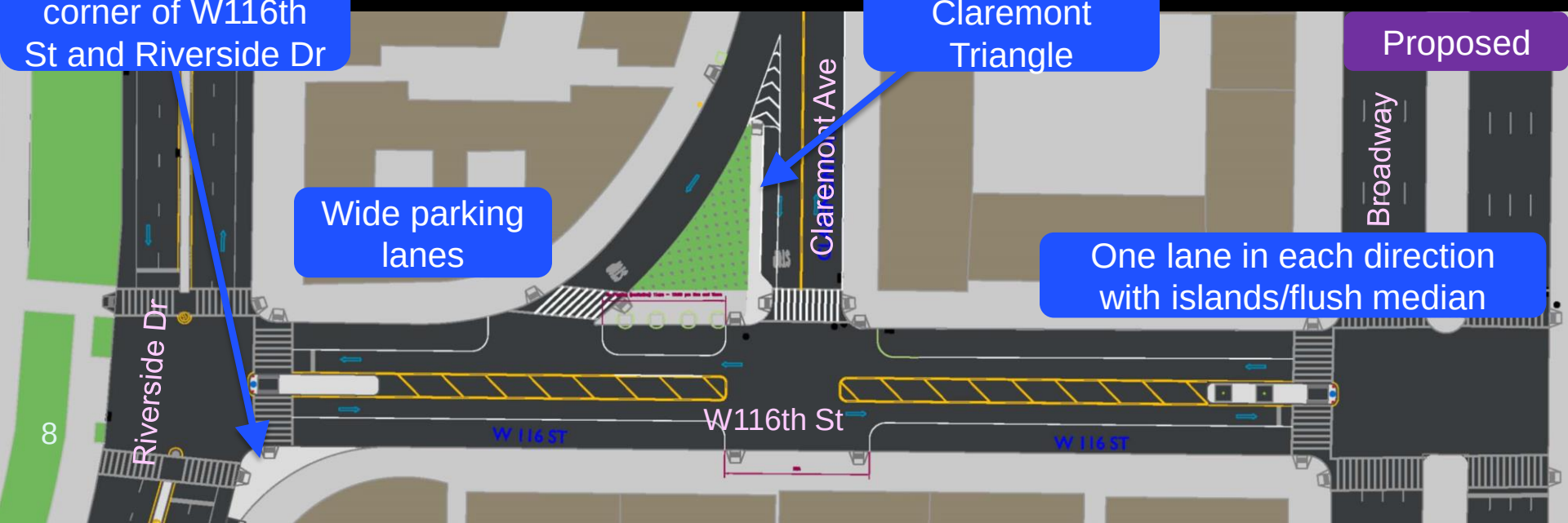
Normalize SE corner of W116th St and Riverside Dr

Add sidewalk to Claremont Triangle

Proposed

Wide parking lanes

One lane in each direction with islands/flush median



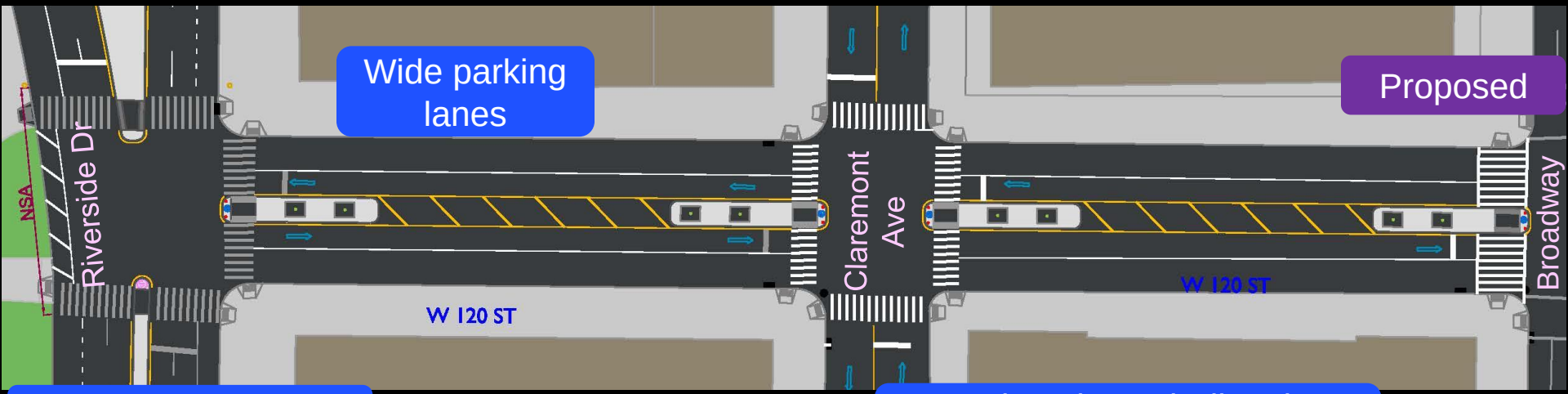
Proposal

W120th St

Low vehicular volumes

Wide roadbed

Looking east from Riverside Dr.



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

Mark wide parking lanes

Build out median to 120th St

Gen. Grant National Memorial

Proposed

Riverside Church

Riverside Dr NB

Riverside Dr SB

RIVERSIDE DR

W120th St

Proposal

Northbound Split

Proposed

Riverside Dr NB

RIVERSIDE DR

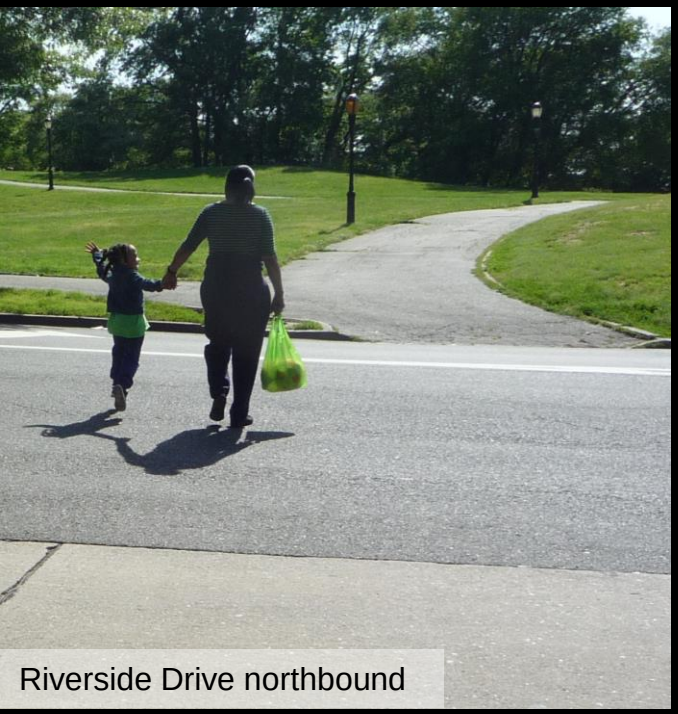
Add crosswalk

Add sidewalk to triangle on Riverside Dr Northbound

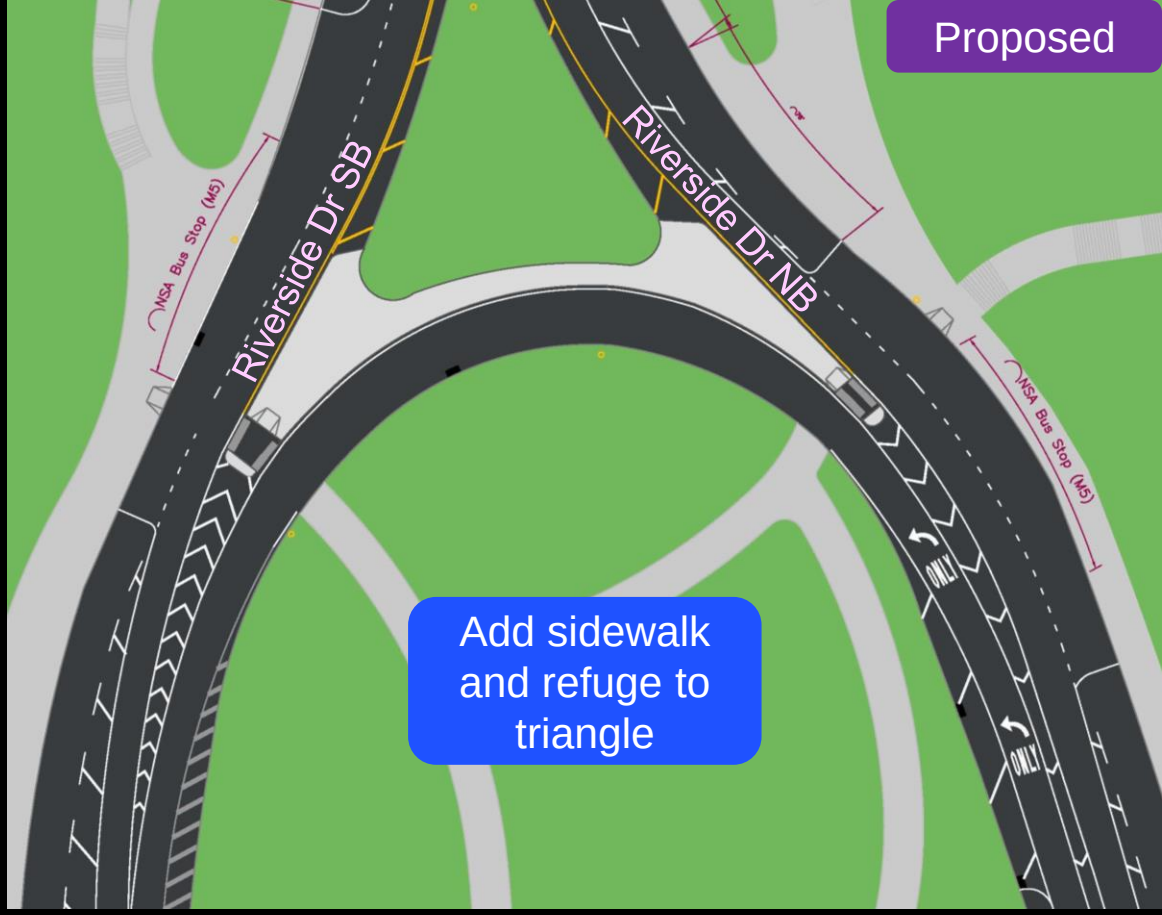
Sakura Park

Proposal

North Triangle



Riverside Drive northbound



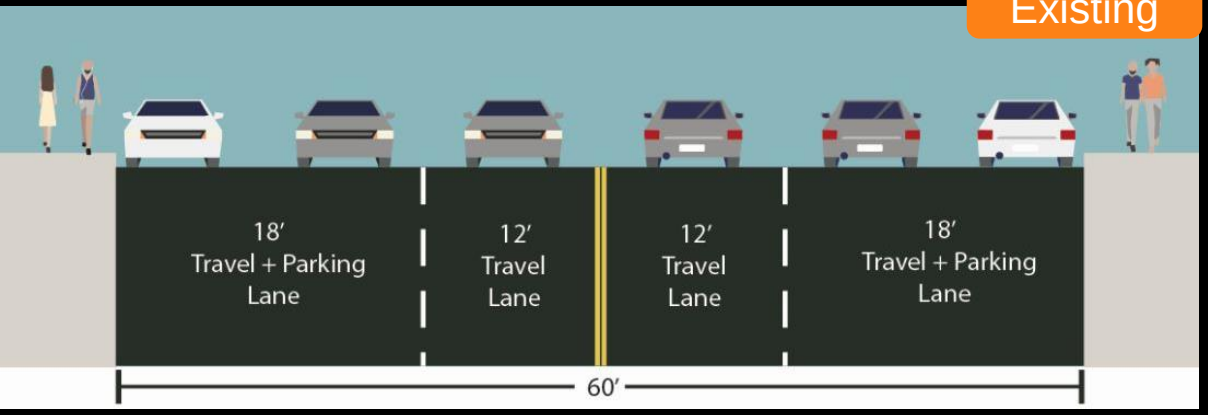
Riverside Drive southbound

Riverside Drive southbound

Proposal

Riverside Dr Viaduct

Existing



Reduce speed limit to 25 mph

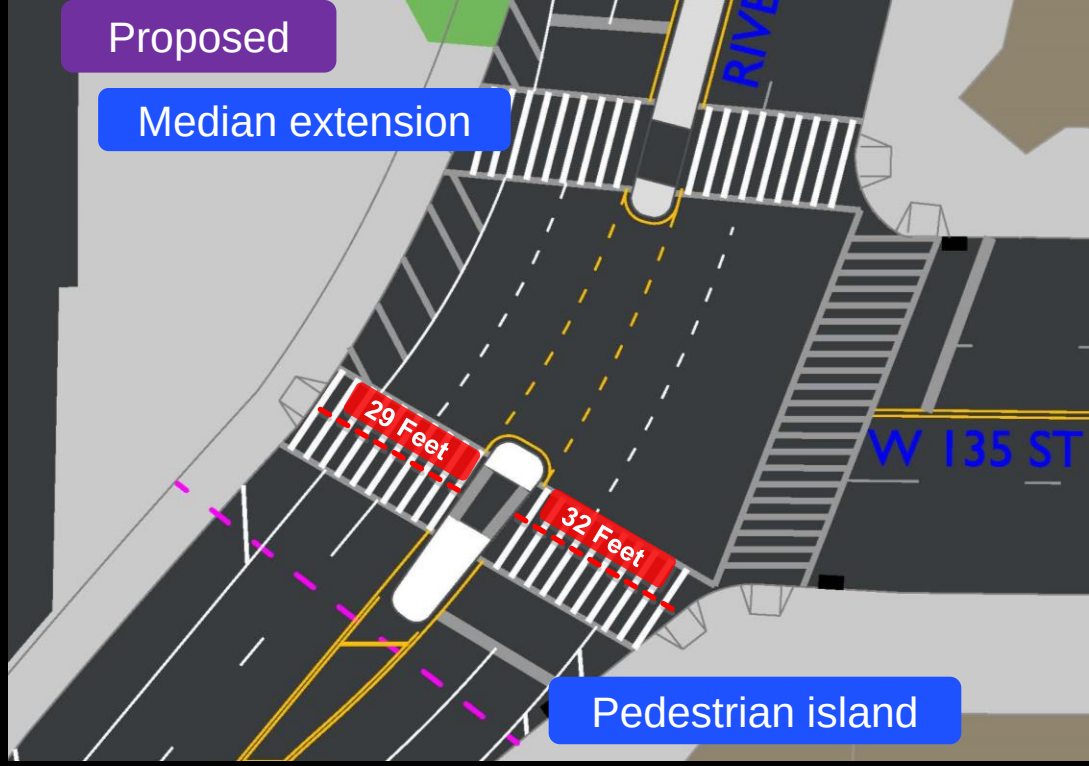
Proposed

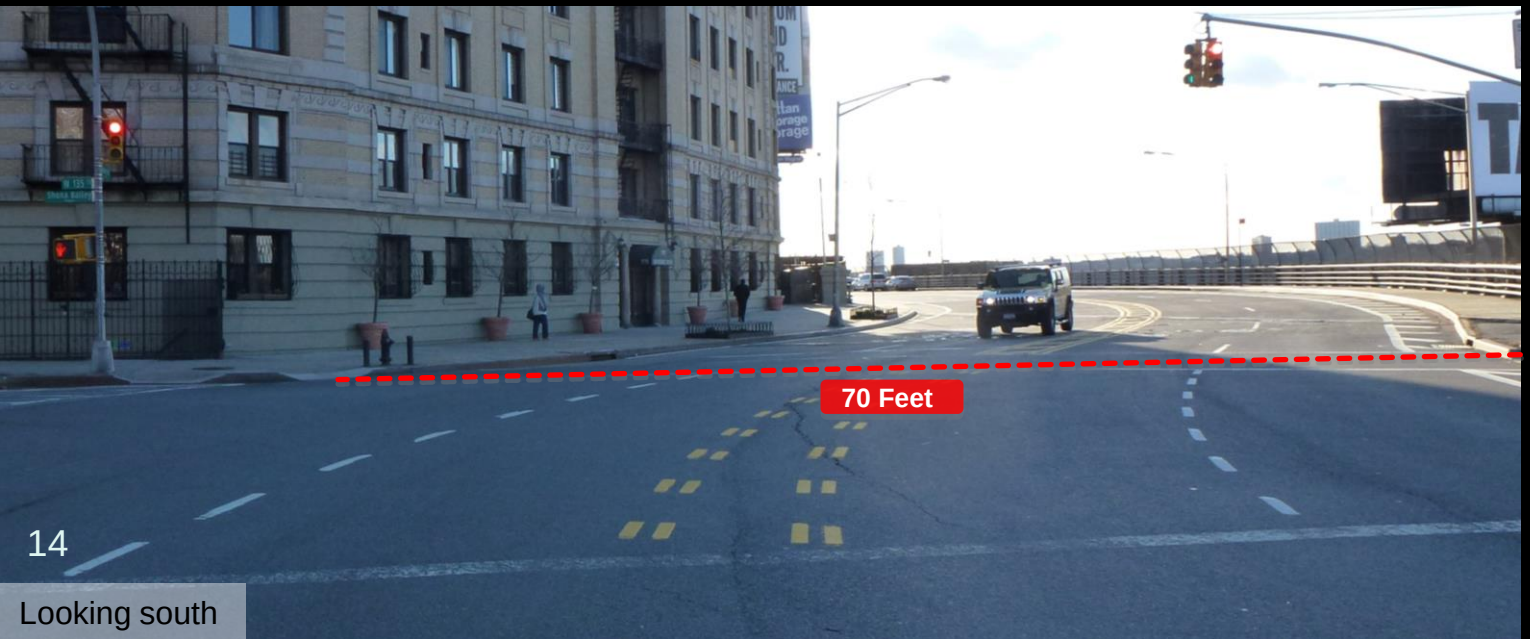
Reduce moving lanes to one per direction

Mark wide parking lanes

Proposal

Riverside Dr and 135th St





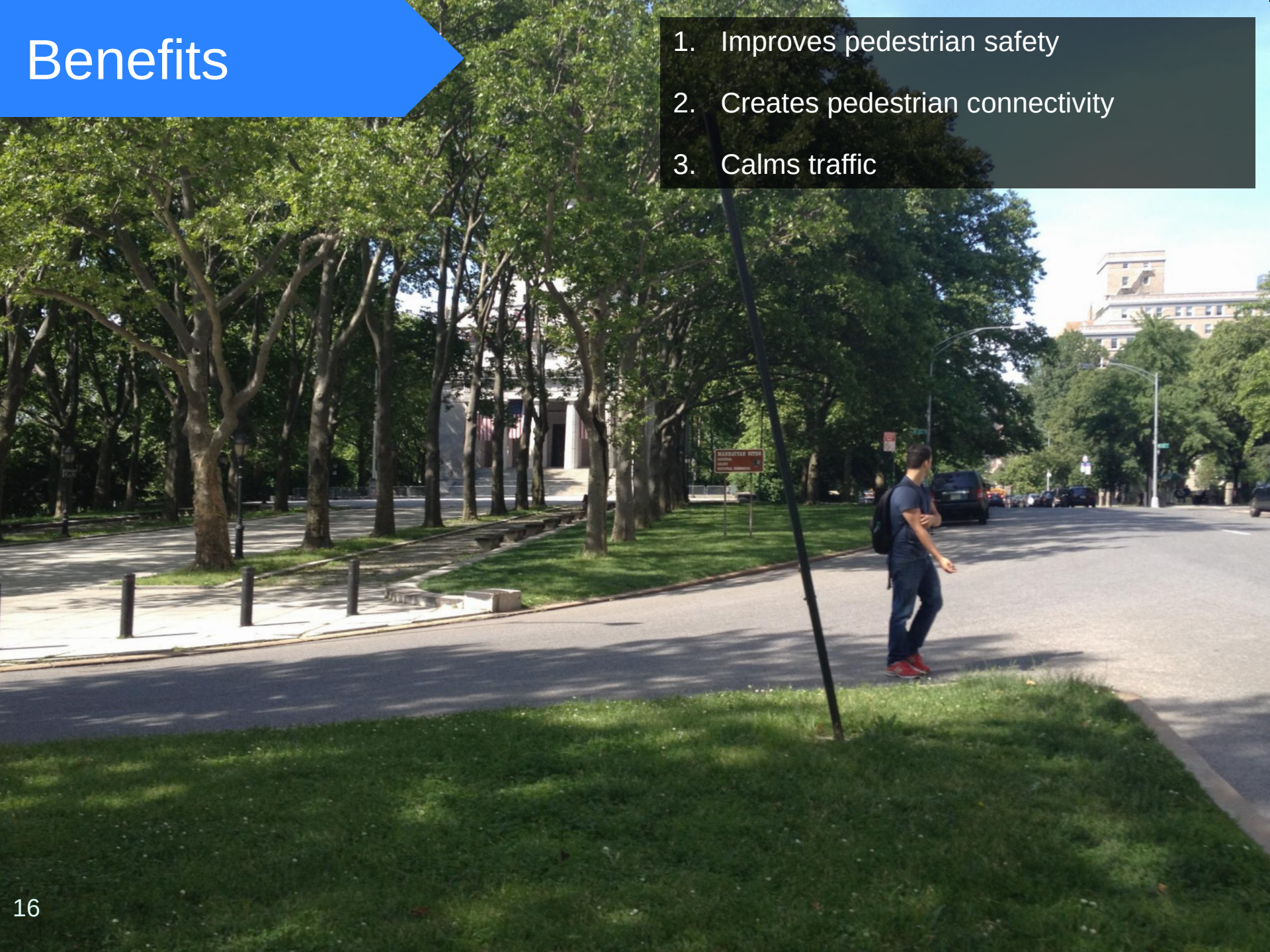
Looking south

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