

Riverside Drive 116th St to 135th St

Pedestrian Network Connections and Corridor Safety Improvements



2015

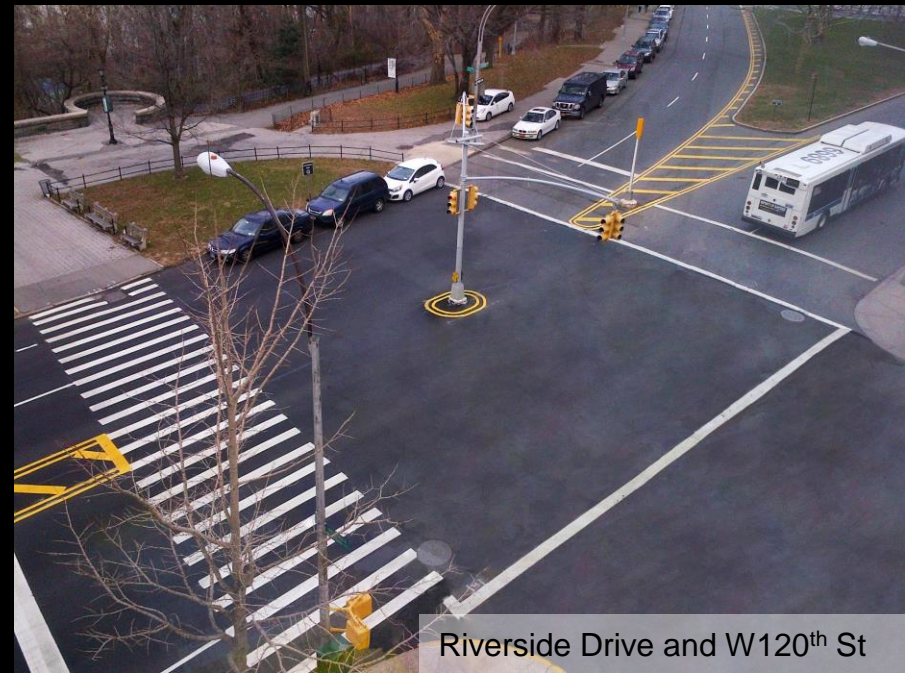


New York City Department of Transportation

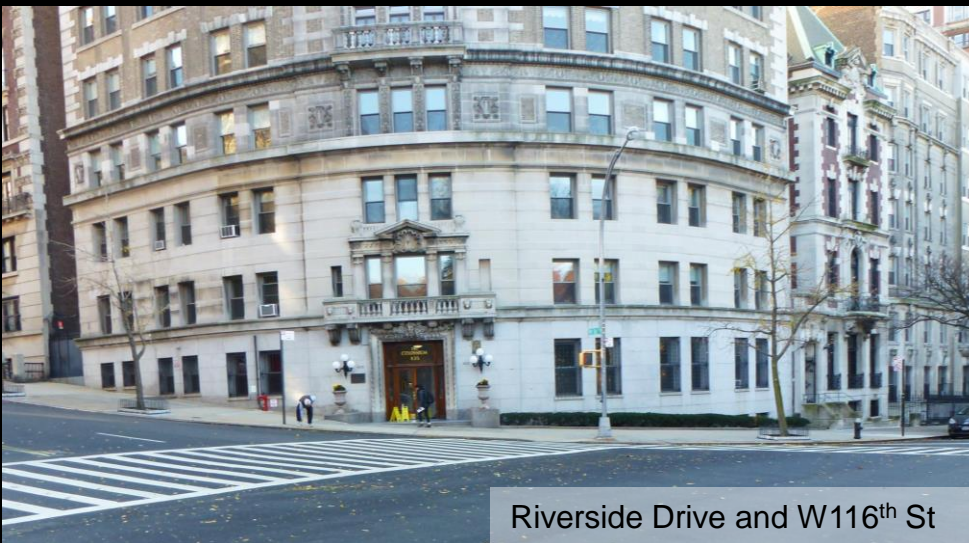
Presented by the Pedestrian Projects Group January 8, 2015 to the Community Board 9 Transportation Committee

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

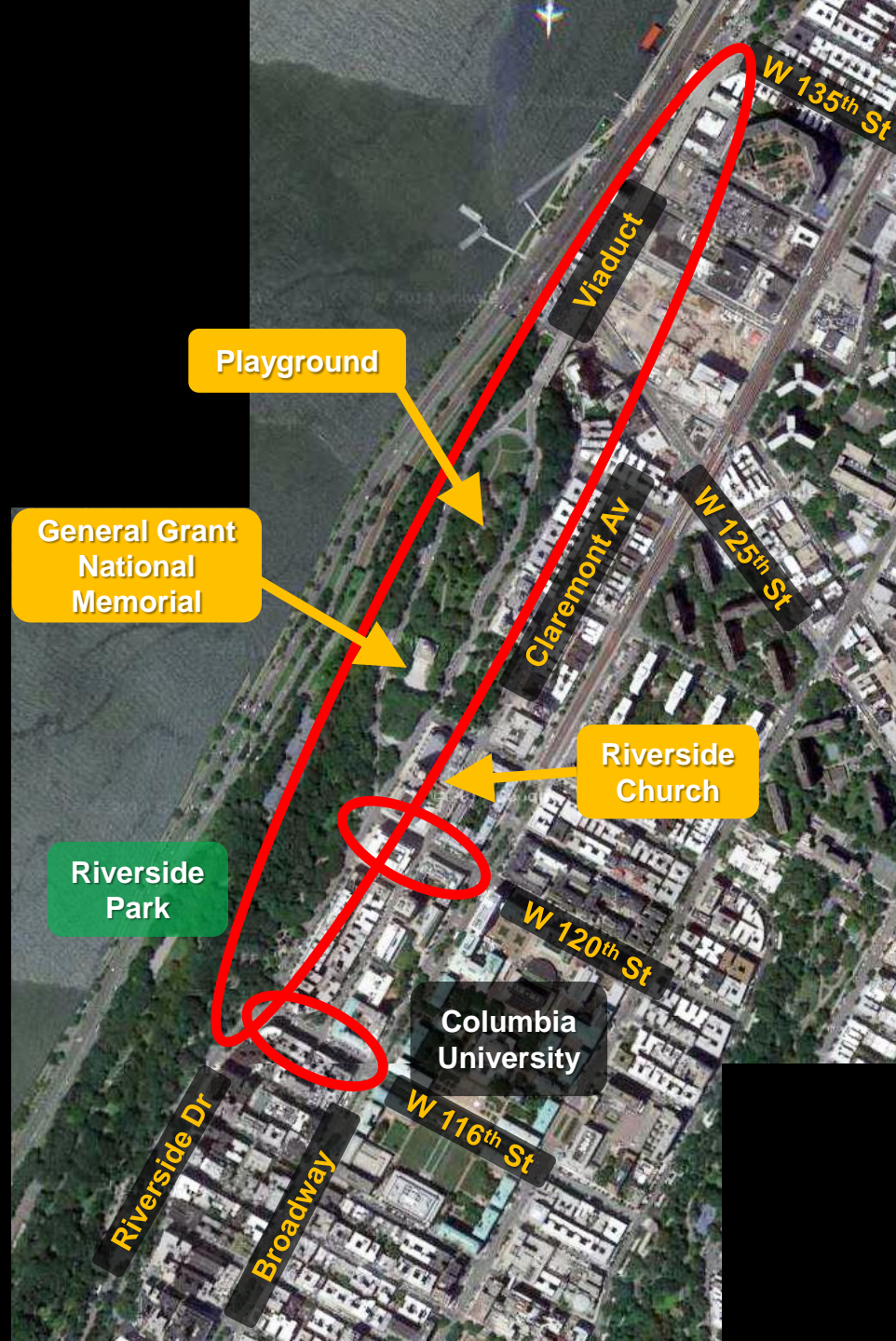
Riverside Drive - W 116th St to W 135th St, MN Injury Summary, 2008-2012 (5 Years)

	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

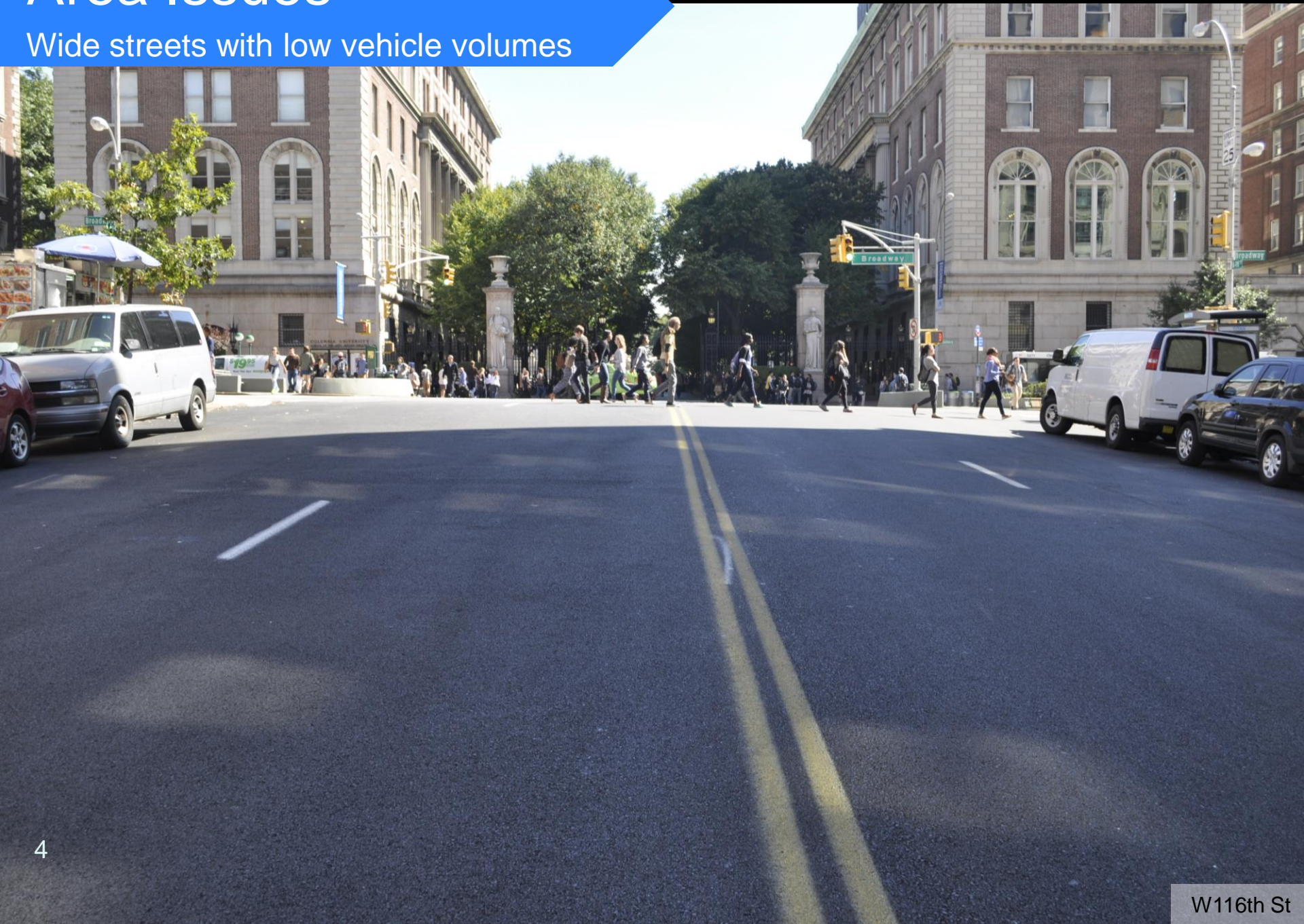
Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or
Severely Injured

Project Area



Area Issues

Wide streets with low vehicle volumes



Area Issues

Missing pedestrian connections



Between Riverside Church and
Gen. Grant National Memorial



5

Bus stop/Tiemann stairs to playground



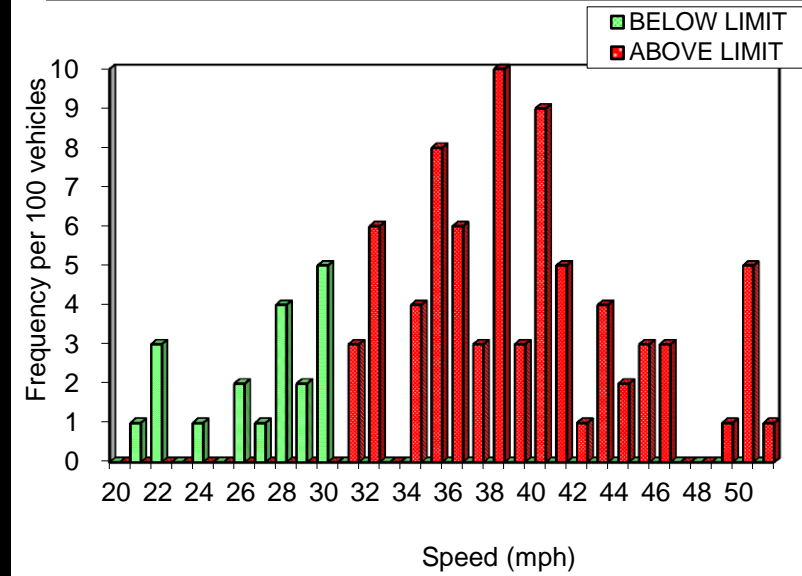
Continuation of East Side of Riverside Dr

Area Issues

Speeding on Viaduct

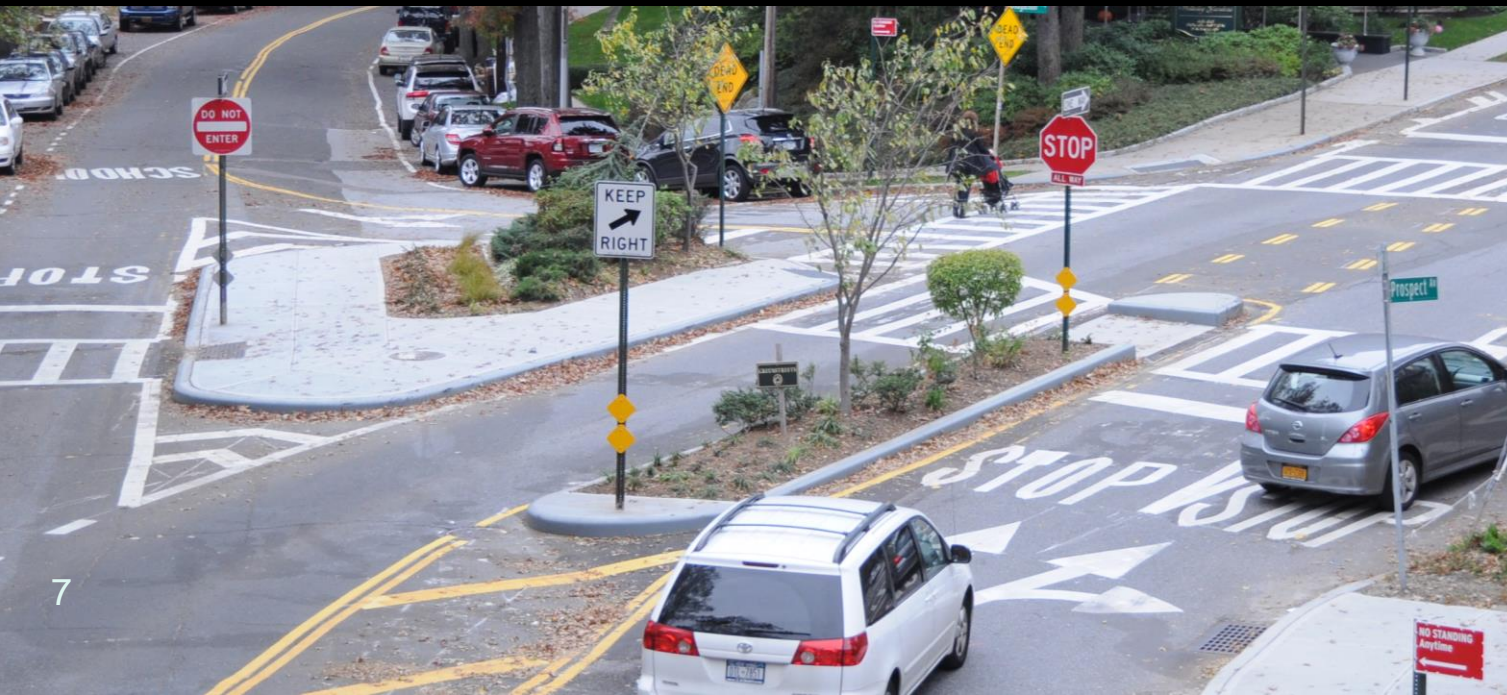
Average speeds of
36.5 mph observed
midday on viaduct

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



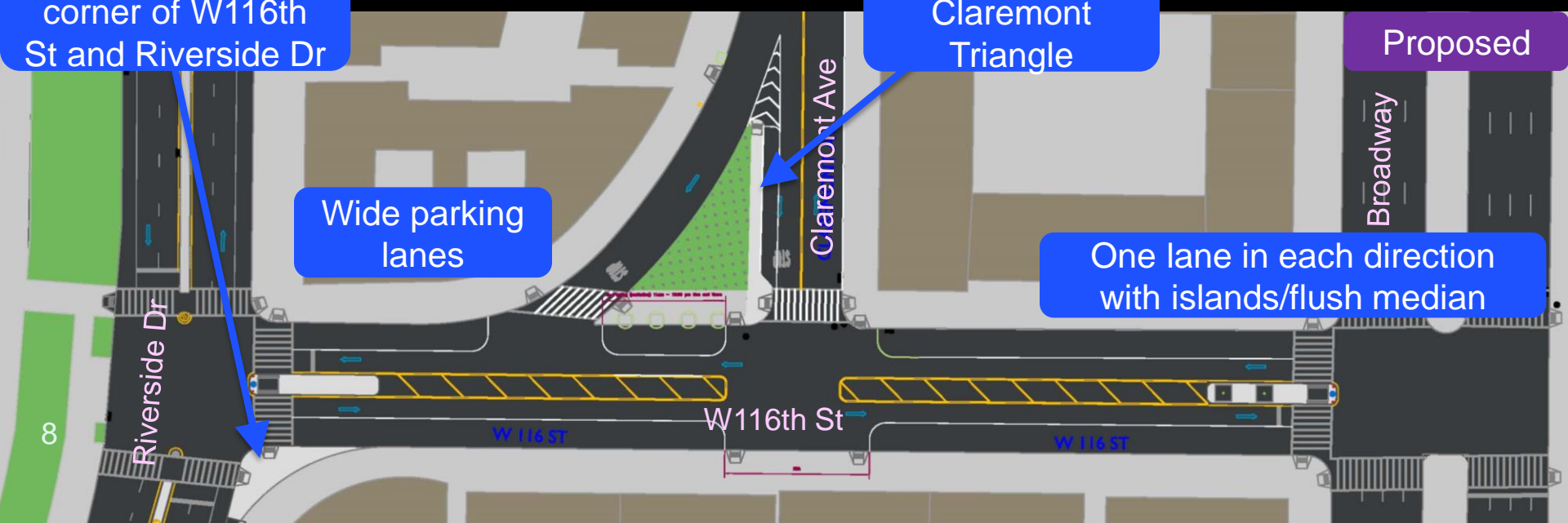
Normalize SE corner of W116th St and Riverside Dr

Add sidewalk to Claremont Triangle

Proposed

Wide parking lanes

One lane in each direction with islands/flush median



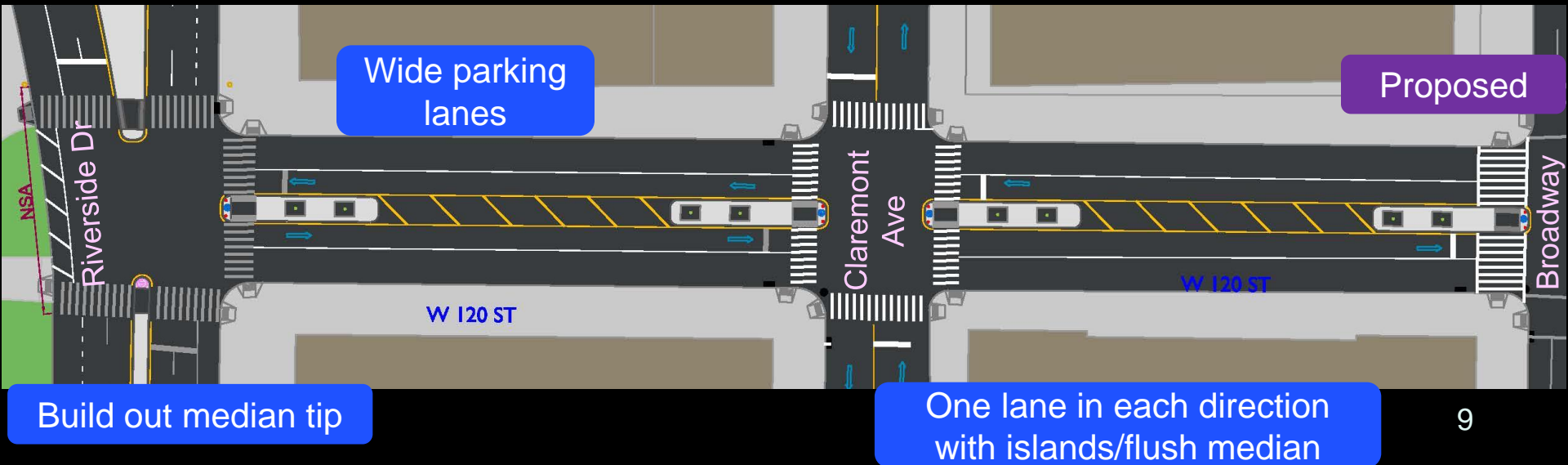
Proposal

W120th St

Low vehicular
volumes

Wide roadbed

Looking east from Riverside Dr.



Proposal

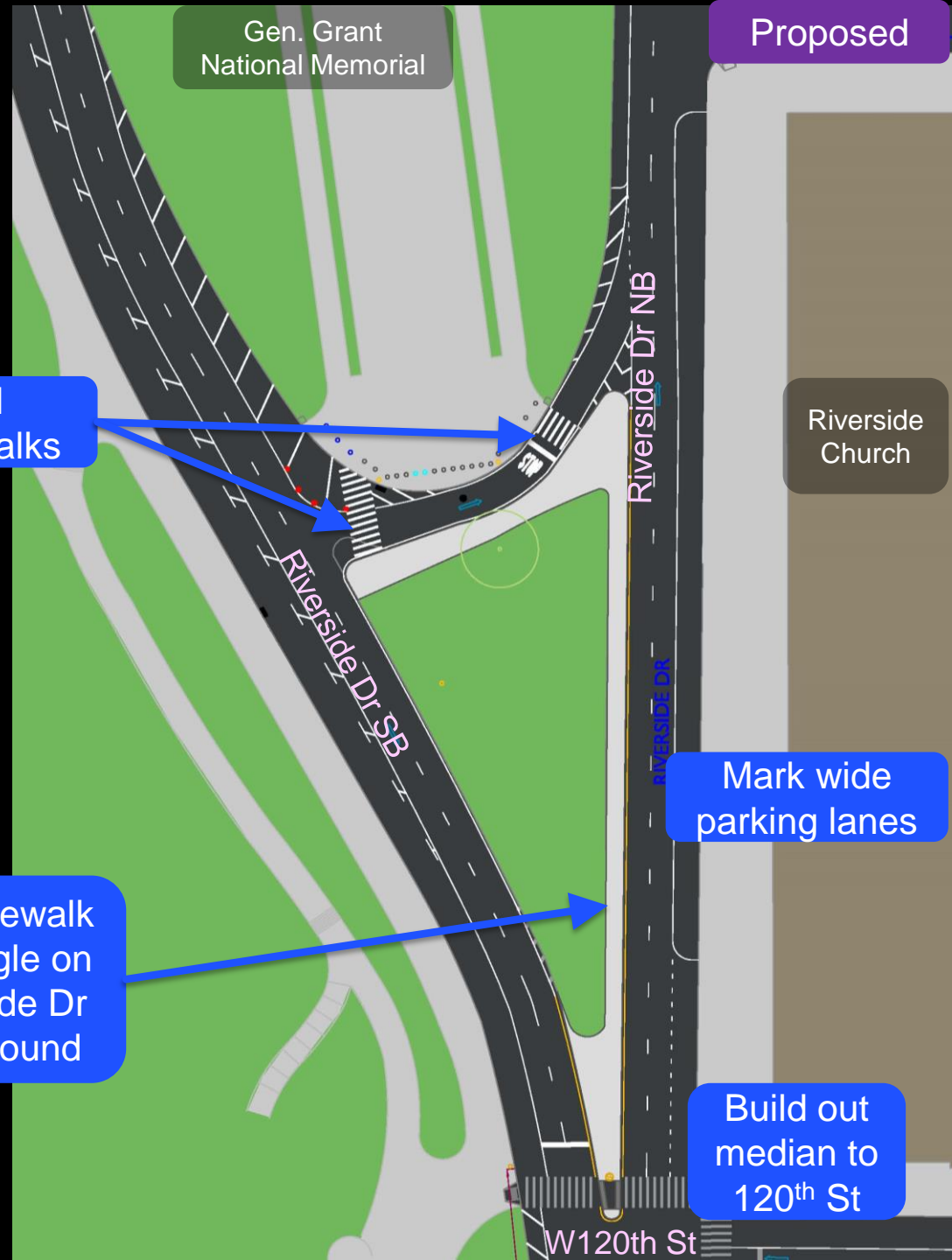
South Triangle



Add crosswalks



Add sidewalk to triangle on Riverside Dr Northbound



Proposed

Riverside Church

Mark wide parking lanes

Build out median to 120th St

Proposal

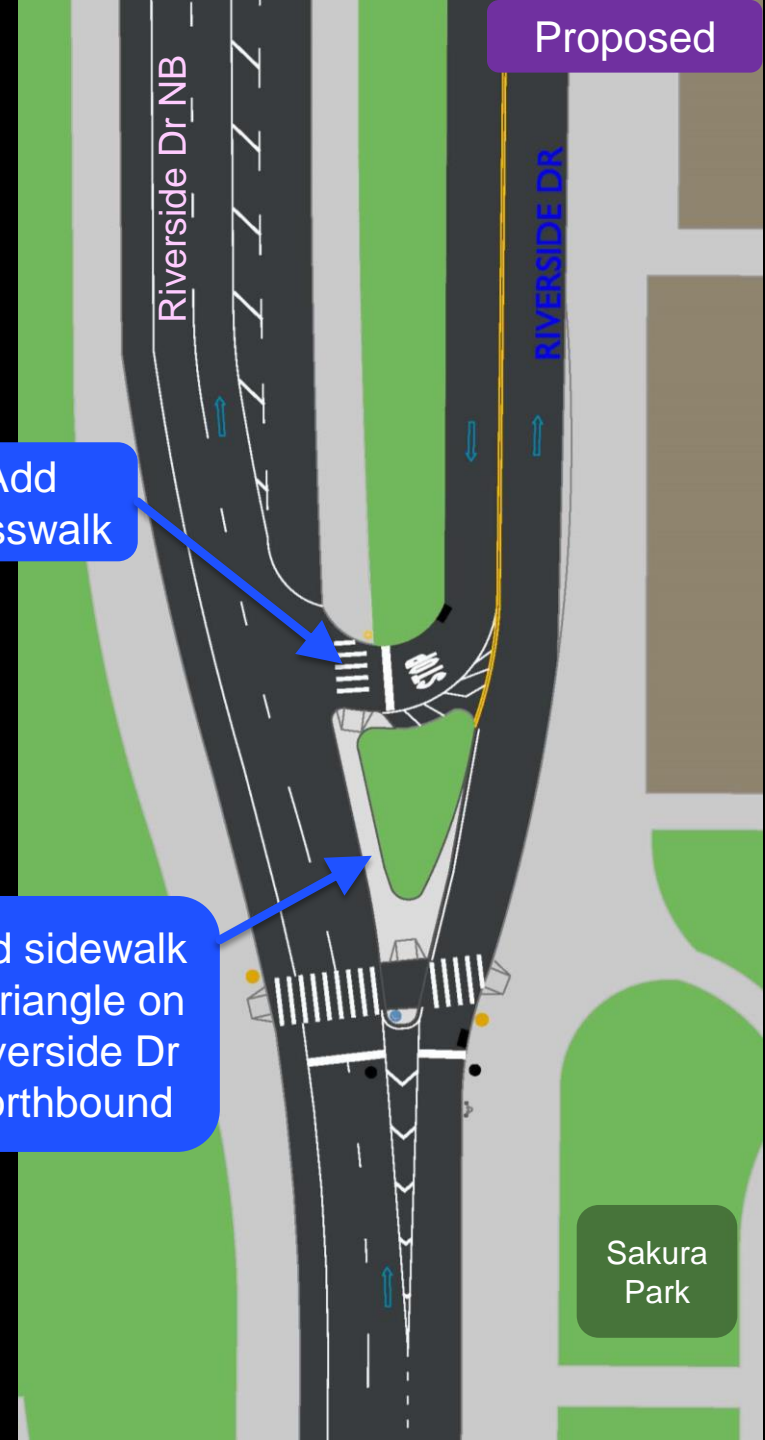
Northbound Split



Add crosswalk

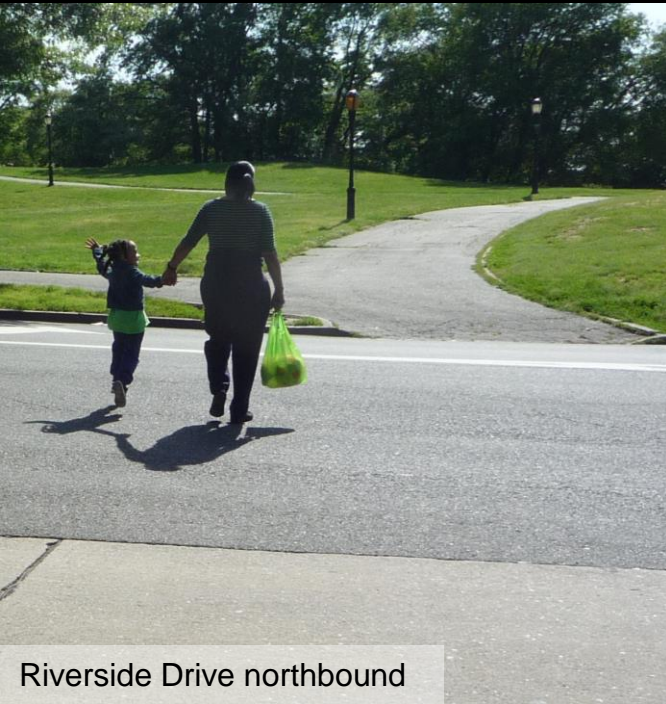


Add sidewalk to triangle on Riverside Dr Northbound

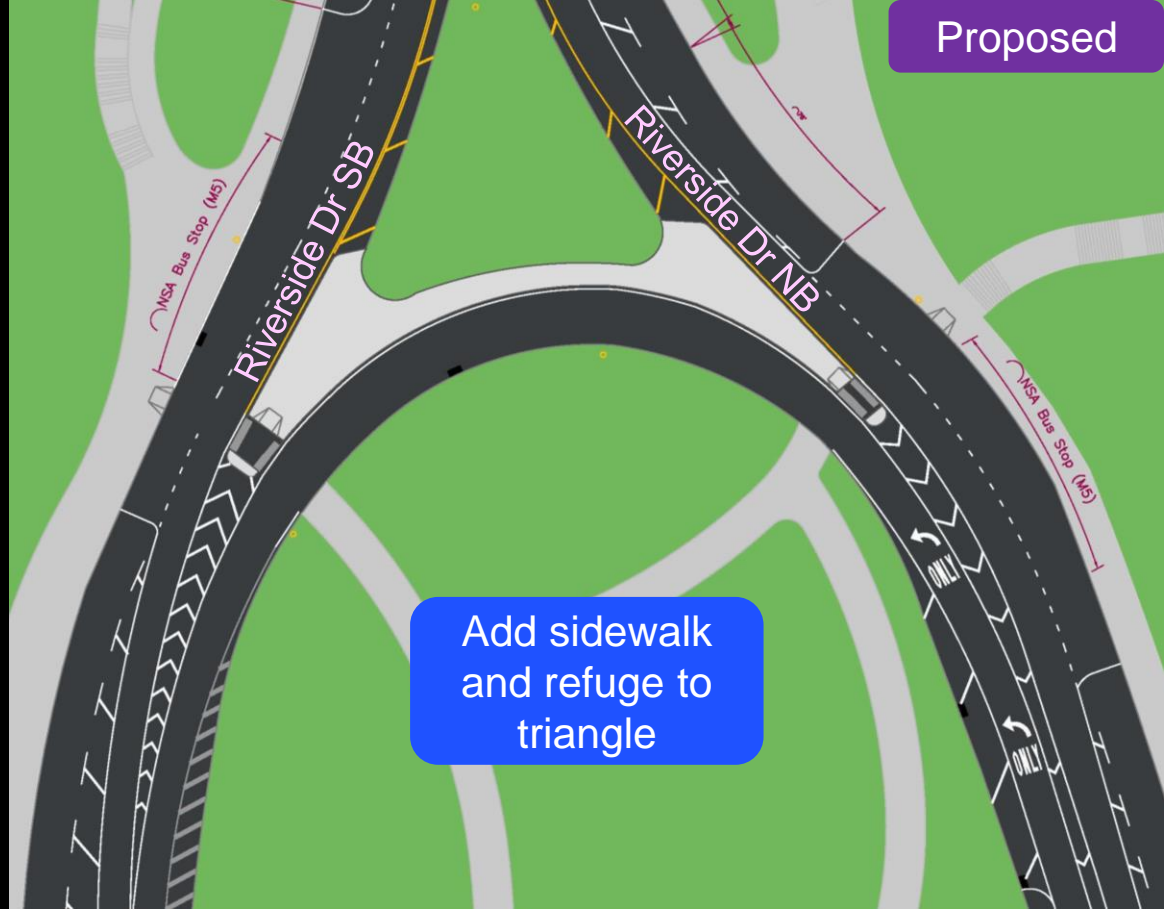


Proposal

North Triangle



Riverside Drive northbound



Proposed



Riverside Drive southbound

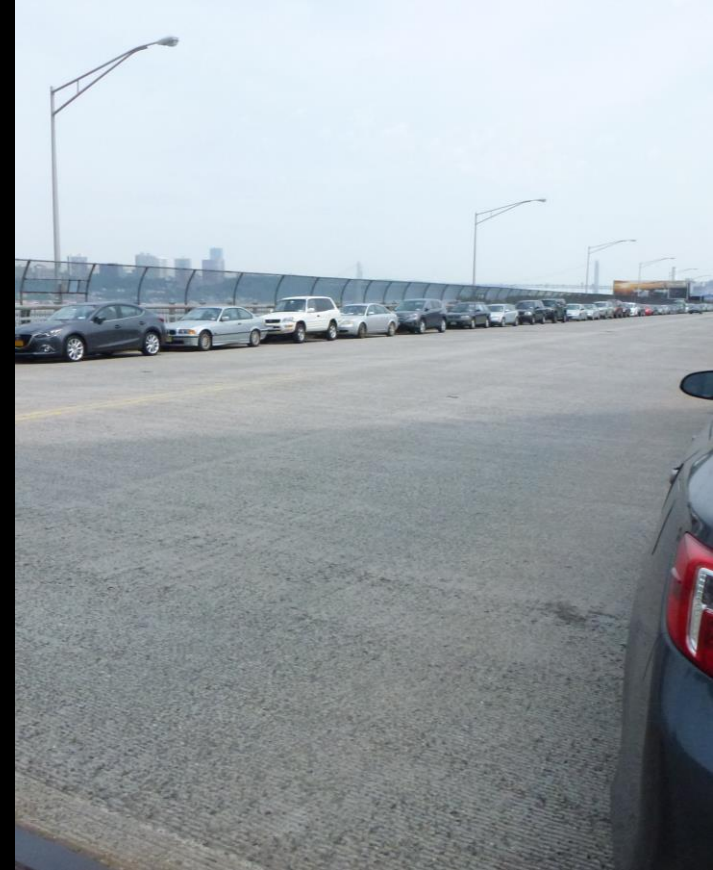
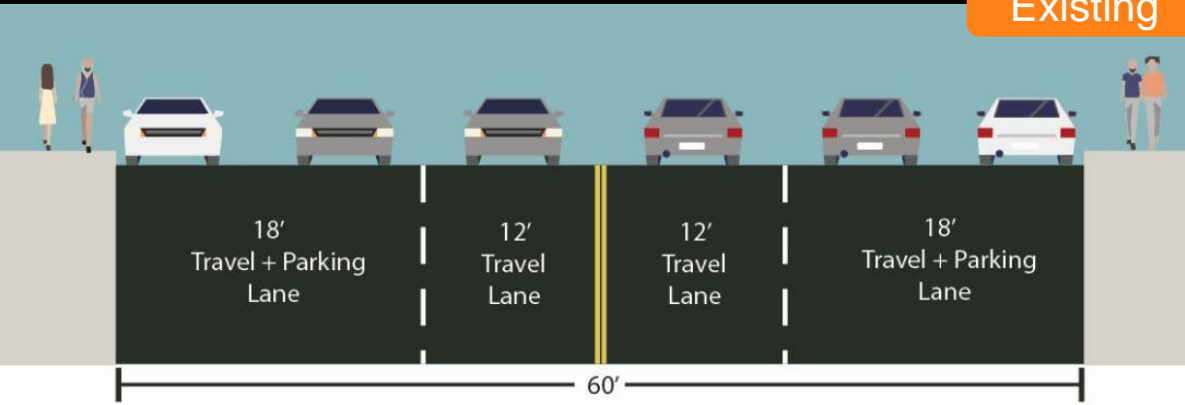


Riverside Drive southbound

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

Proposed

Median extension

29 Feet

32 Feet

Pedestrian island

W 135 ST

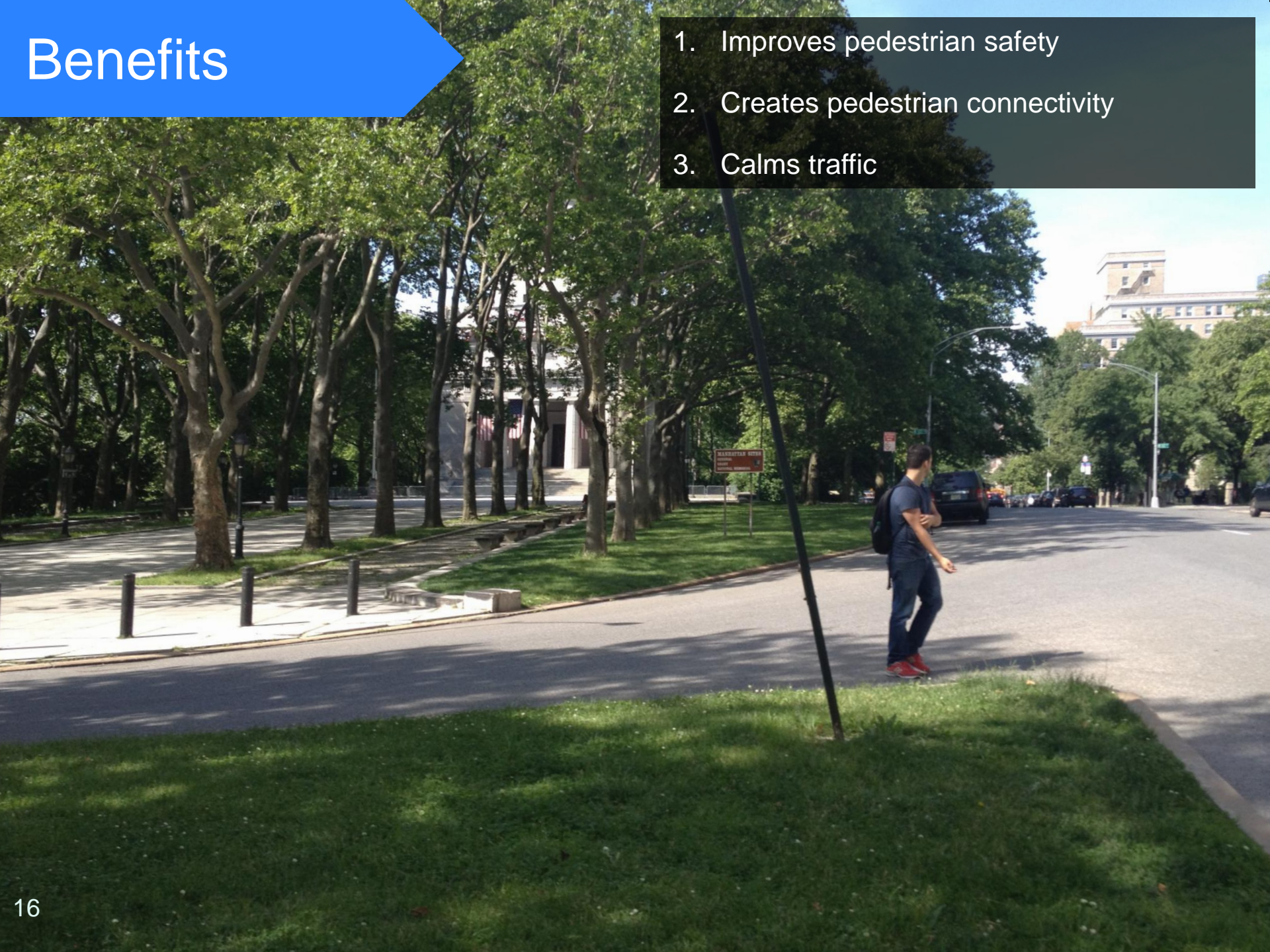


Summary

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