



RIVERSIDE DR, 155-161 STS

Community Board 12 Traffic and Transportation

May 4, 2020

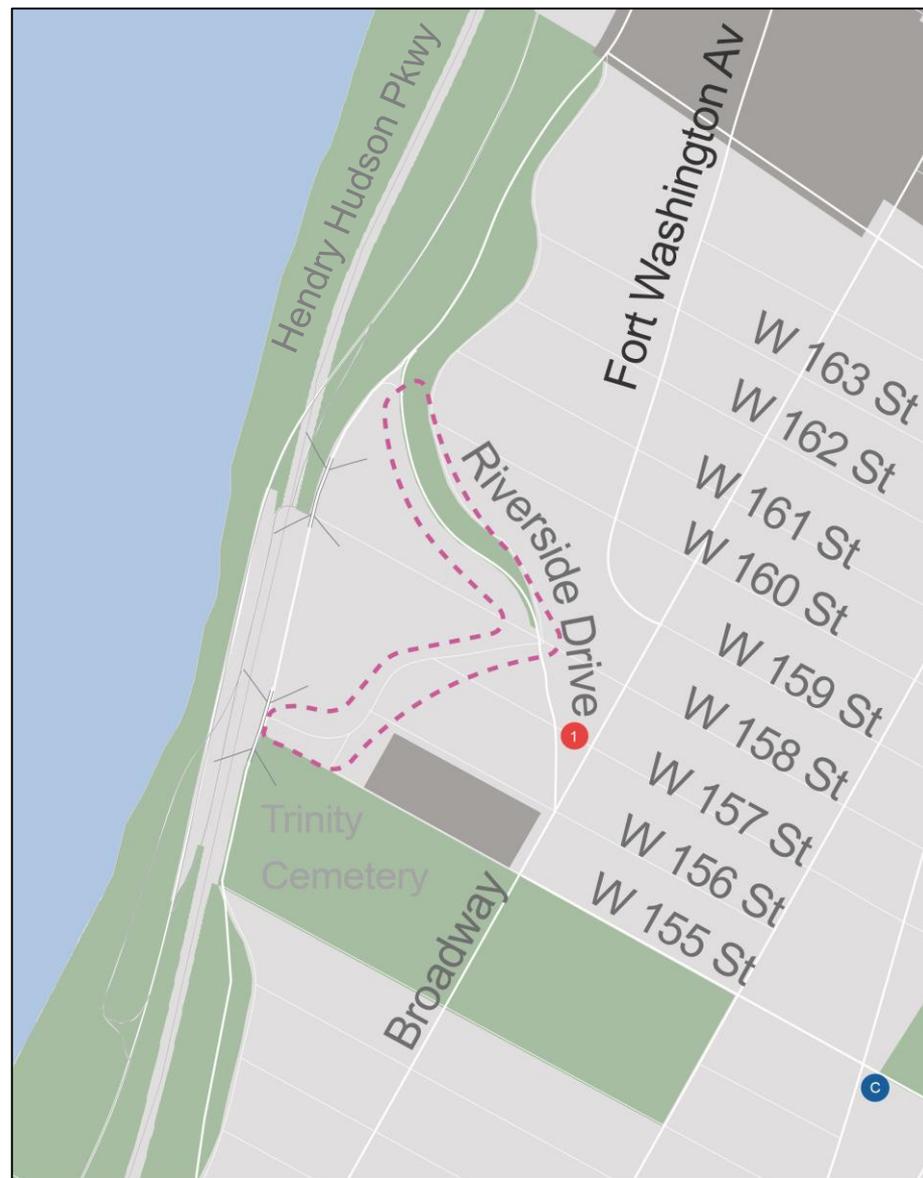


Background

1

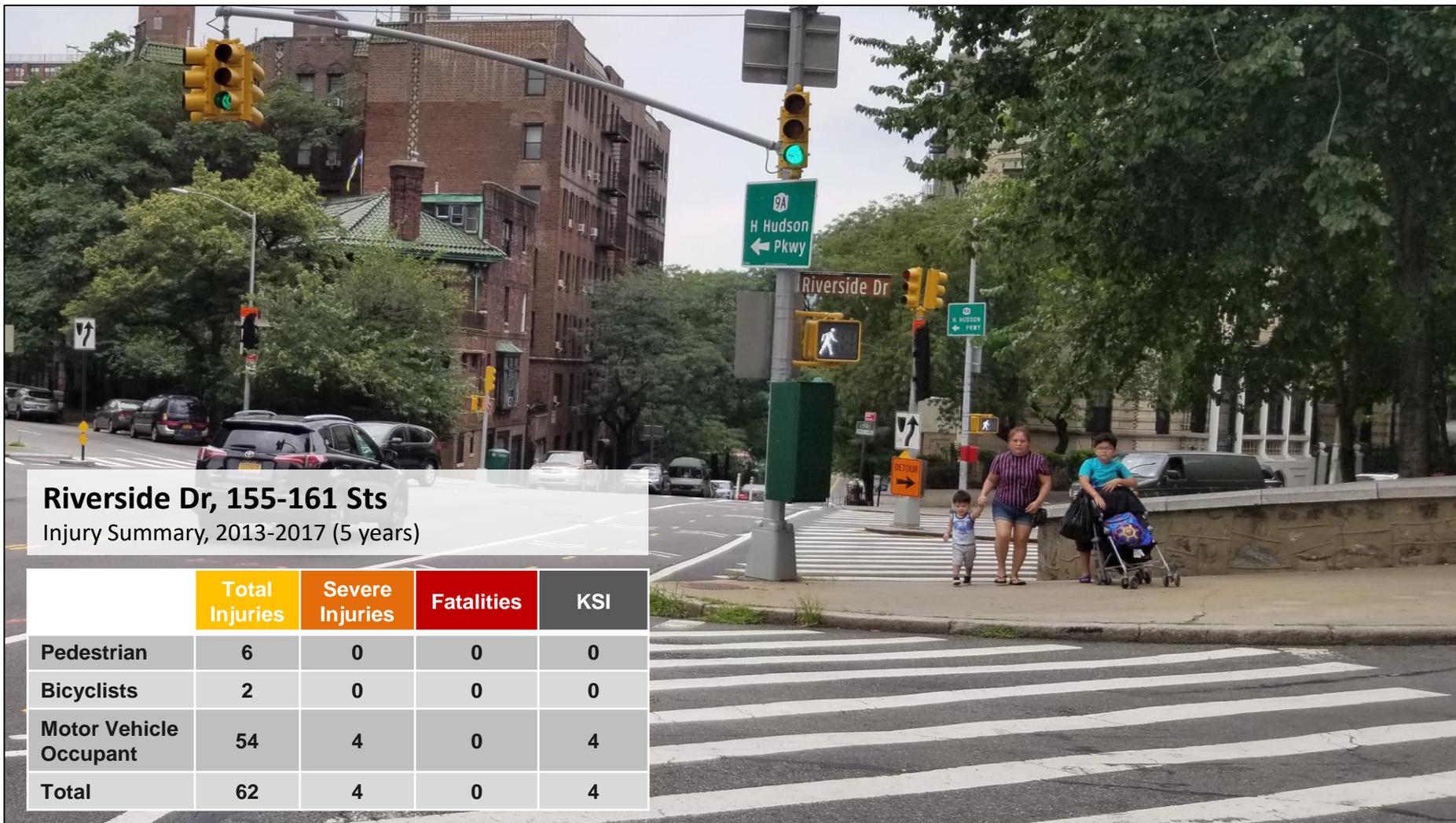
BACKGROUND

- Community request for pedestrian improvements
- Community Engagement
 - Walkthrough with Riverside Oval Association 11/15/18
 - Walkthrough with representatives of elected officials and community members 5/31/19 and 1/17/20
 - DOT Street Ambassador Outreach 7/31/19 and 8/3/19
- Transit: Bx6 and Bx6 SBS bus stops, near 1 train



SAFETY DATA

6 total pedestrian injuries on Riverside Drive



Riverside Dr, 155-161 Sts

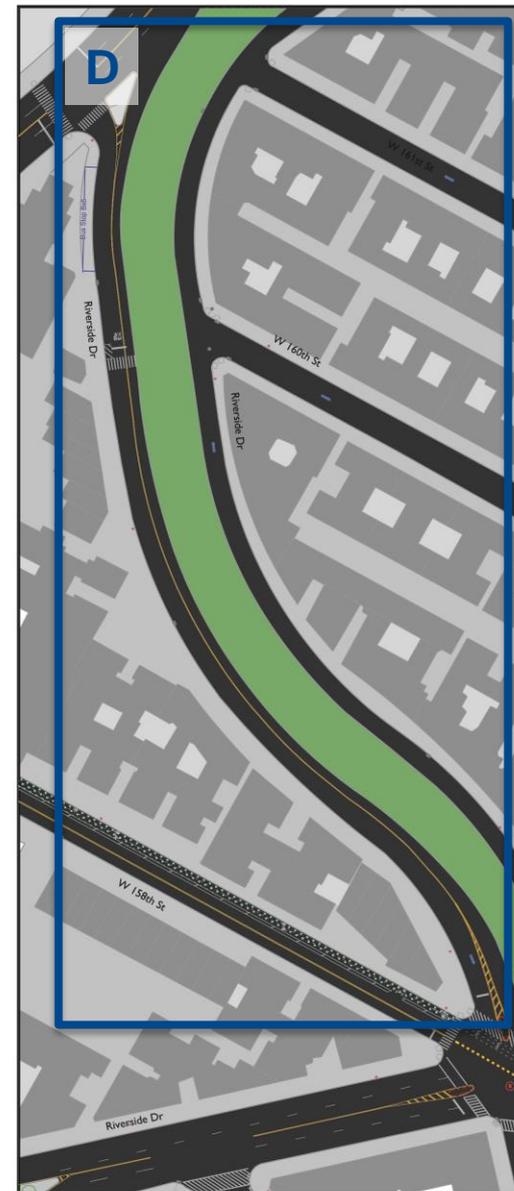
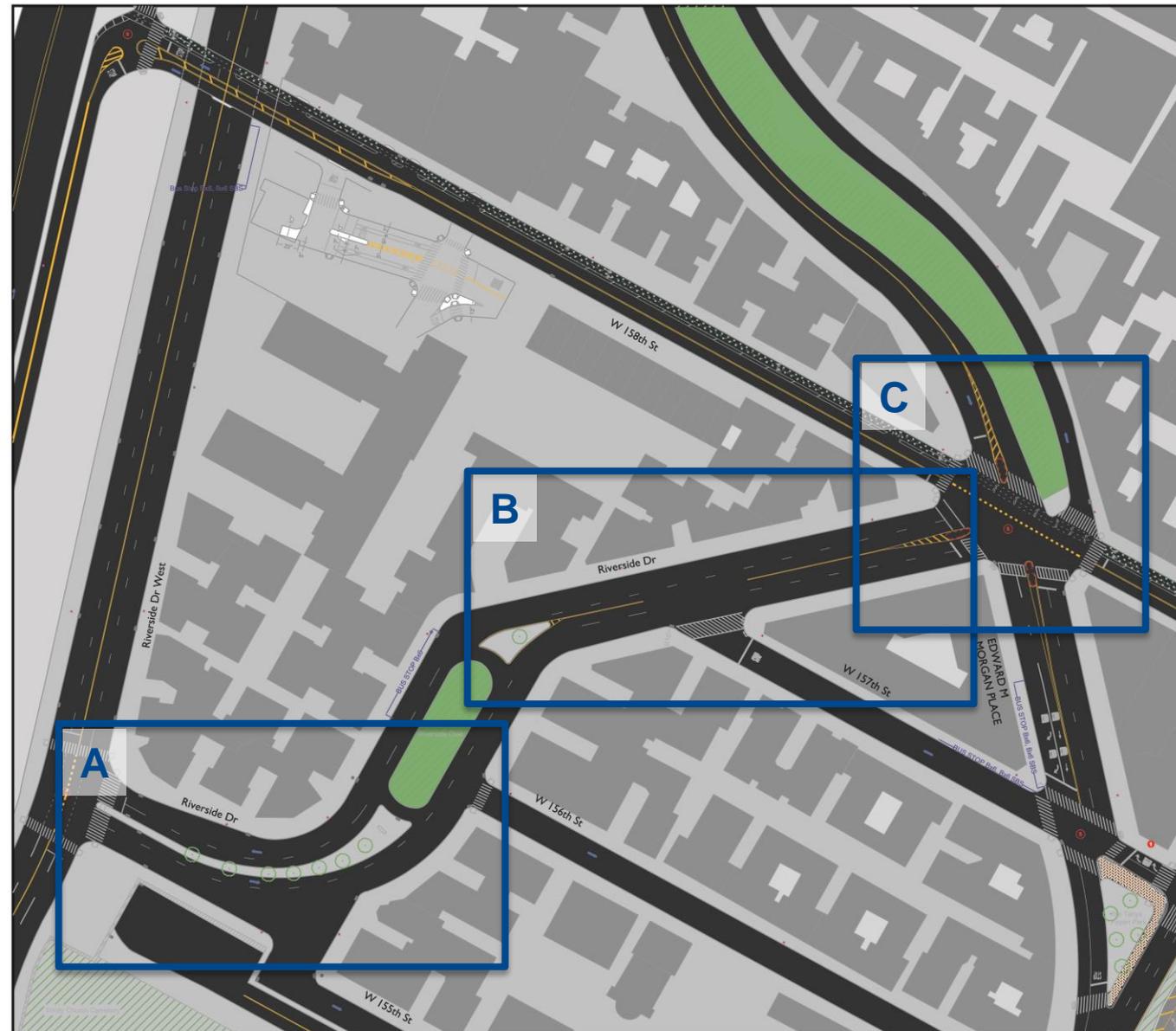
Injury Summary, 2013-2017 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	6	0	0	0
Bicyclists	2	0	0	0
Motor Vehicle Occupant	54	4	0	4
Total	62	4	0	4

Existing Conditions

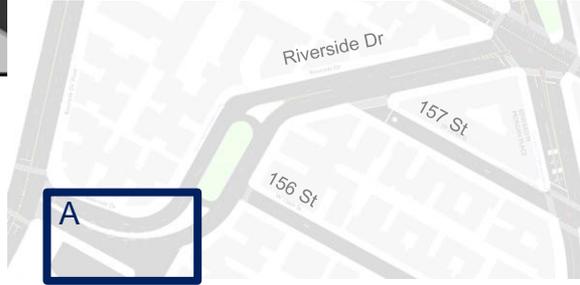
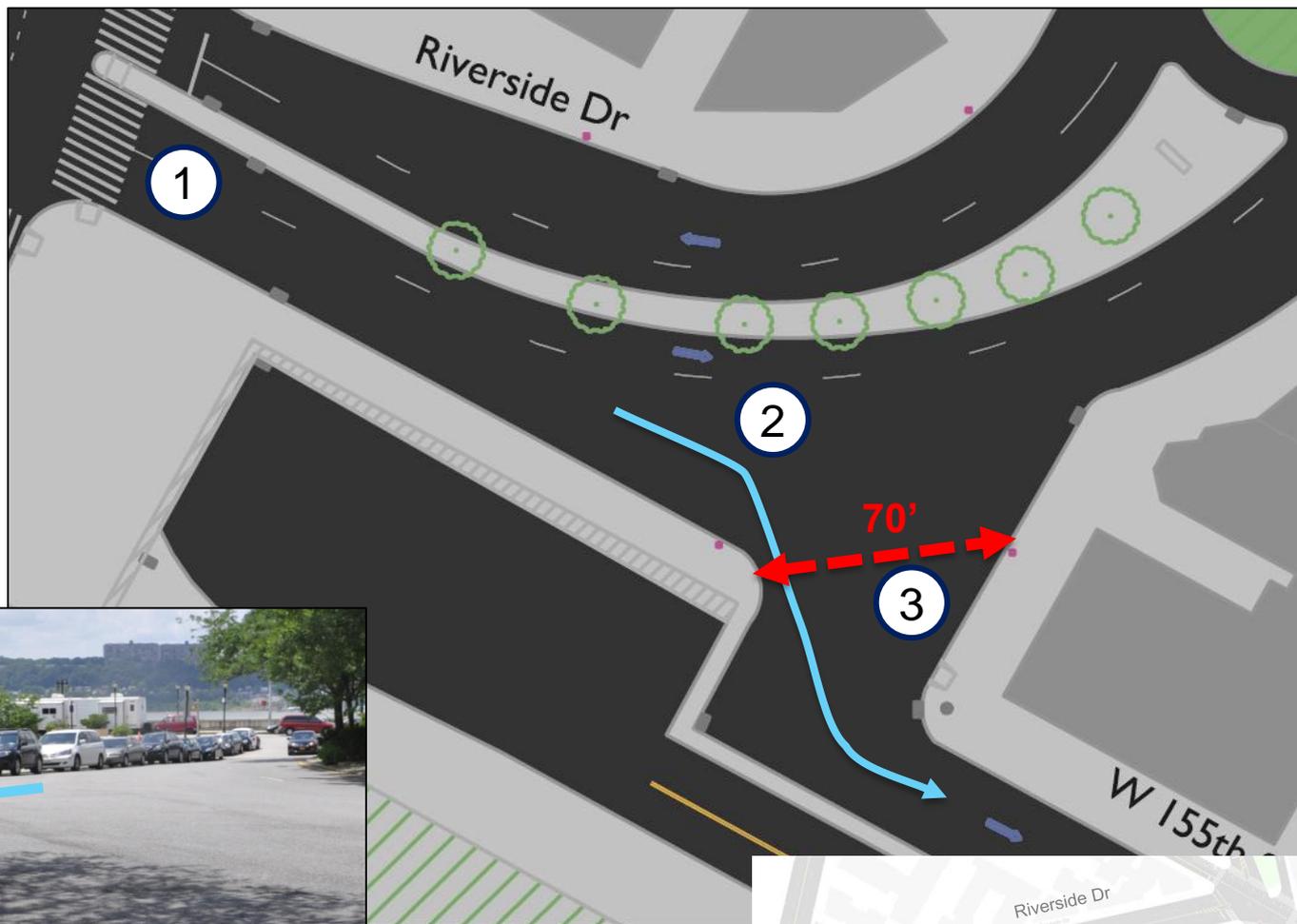
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EXISTING CONDITIONS



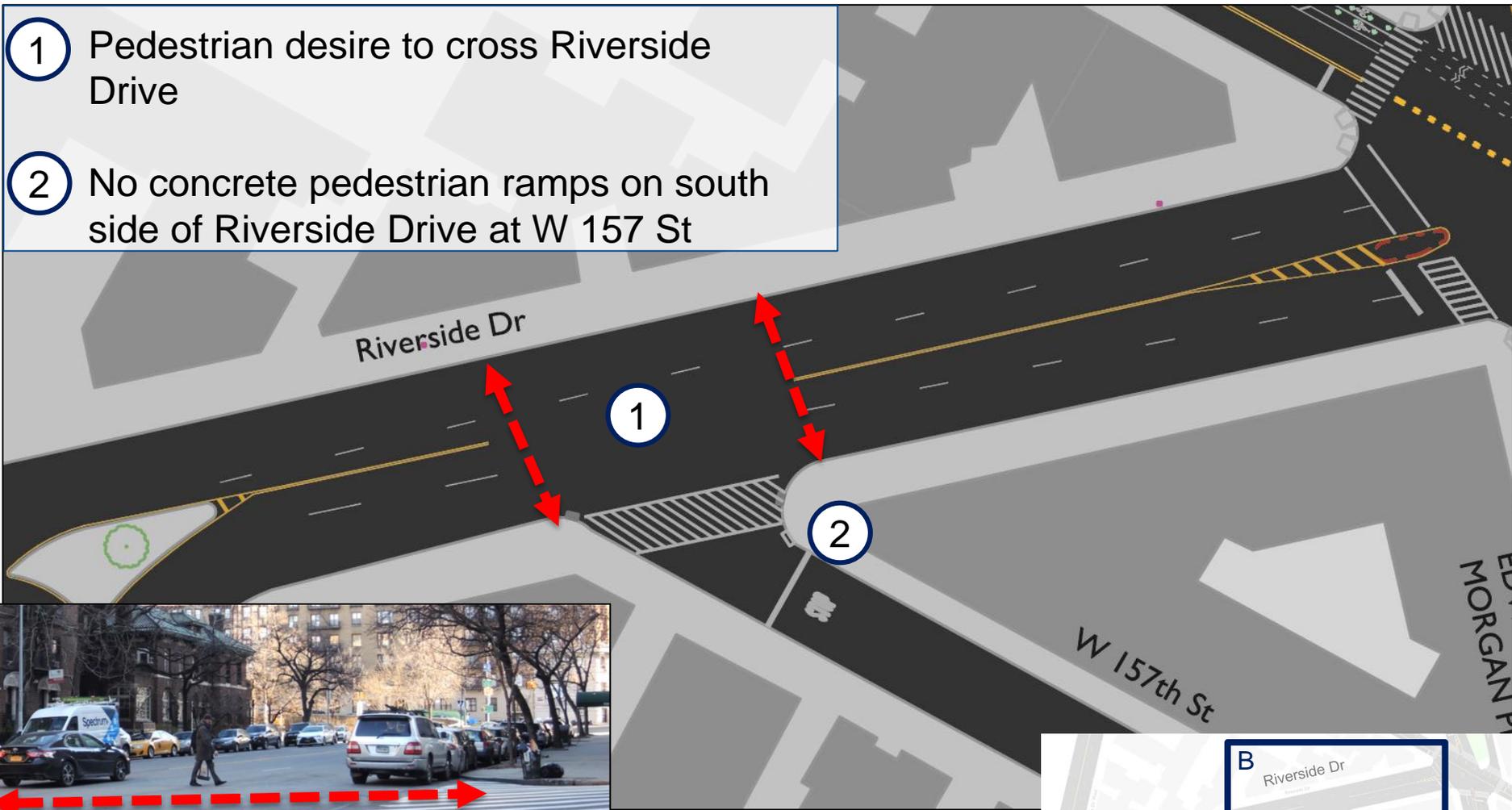
EXISTING CONDITIONS

- 1 Wide four lane road with low vehicle volumes
- 2 Large intersection, allowing for fast right turns
- 3 Long, unmarked pedestrian crossing



EXISTING CONDITIONS

- 1 Pedestrian desire to cross Riverside Drive
- 2 No concrete pedestrian ramps on south side of Riverside Drive at W 157 St



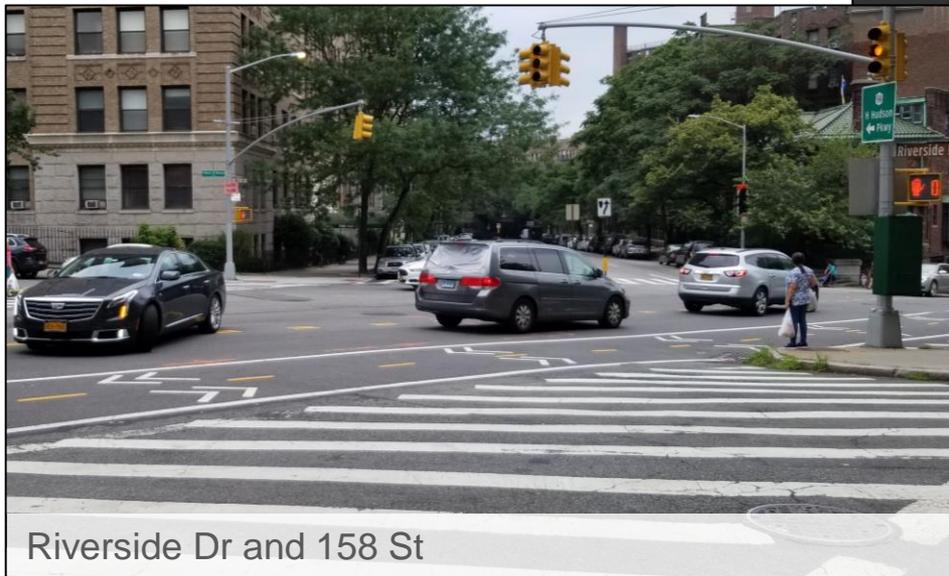
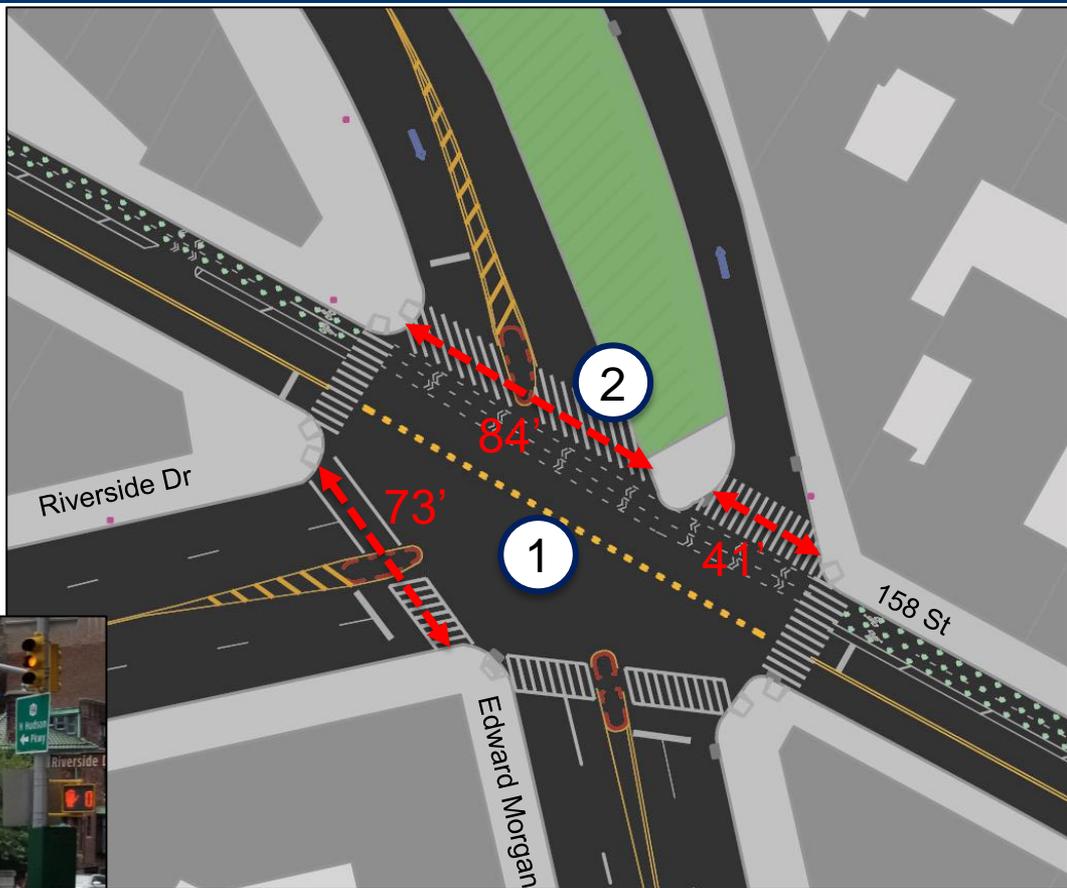
Riverside Dr and 157 St



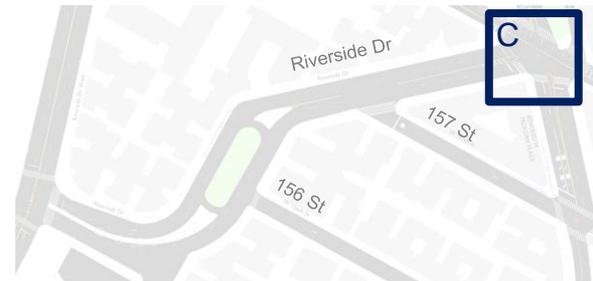
EXISTING CONDITIONS

- 1 Large, six-legged intersection with unclear traffic movements
- 2 Long pedestrian crossings

“This intersection is terrifying, the DOT needs to do something about this” – citizen, DOT Ambassador Outreach



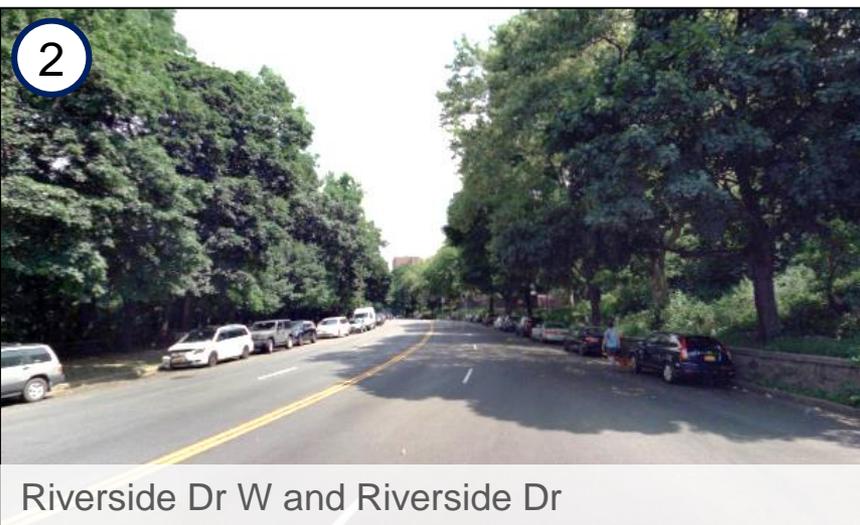
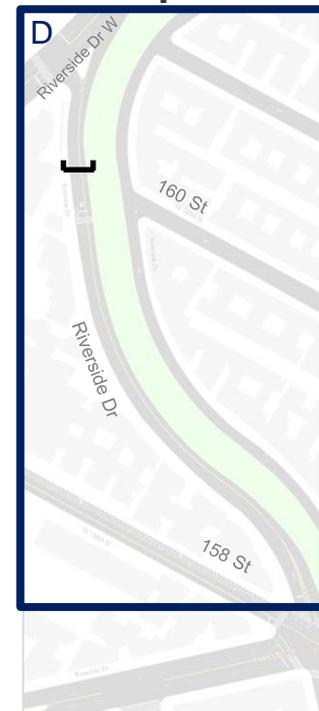
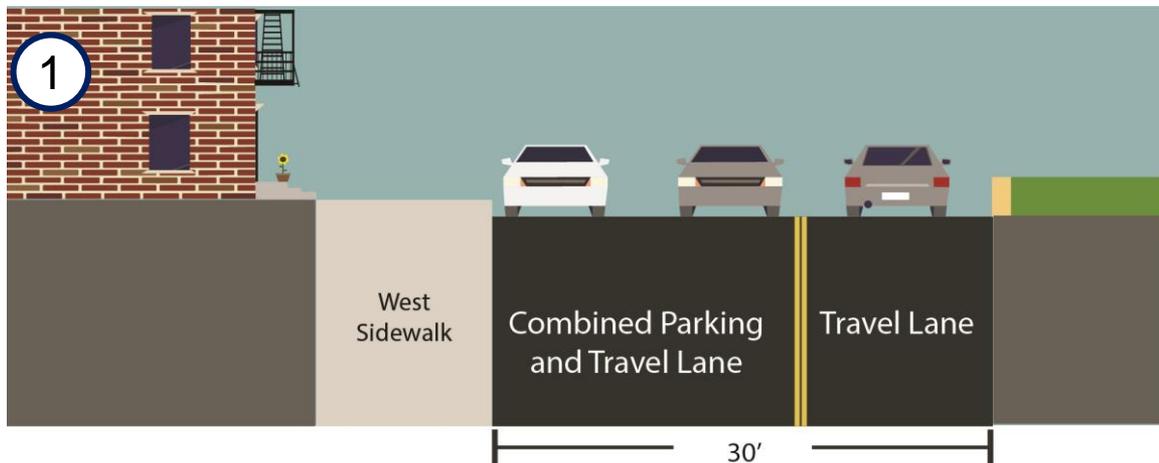
Riverside Dr and 158 St



EXISTING CONDITIONS

1 Riverside Drive is a two way street with low vehicle volumes northbound and no parking on the east side

2 Riverside Drive W currently has parking along the retaining wall

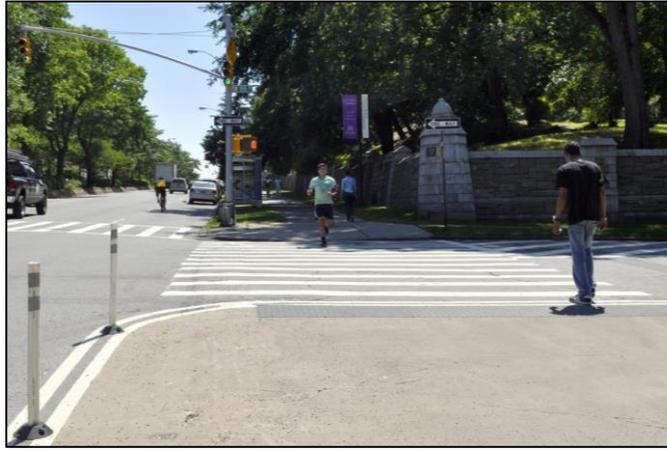


Riverside Dr W and Riverside Dr

TOOLKIT



Crosswalks



Painted Pedestrian Space with Flexible Delineators



Parking Regulations



Concrete Curb Extension



Enhanced Crossing and Signage

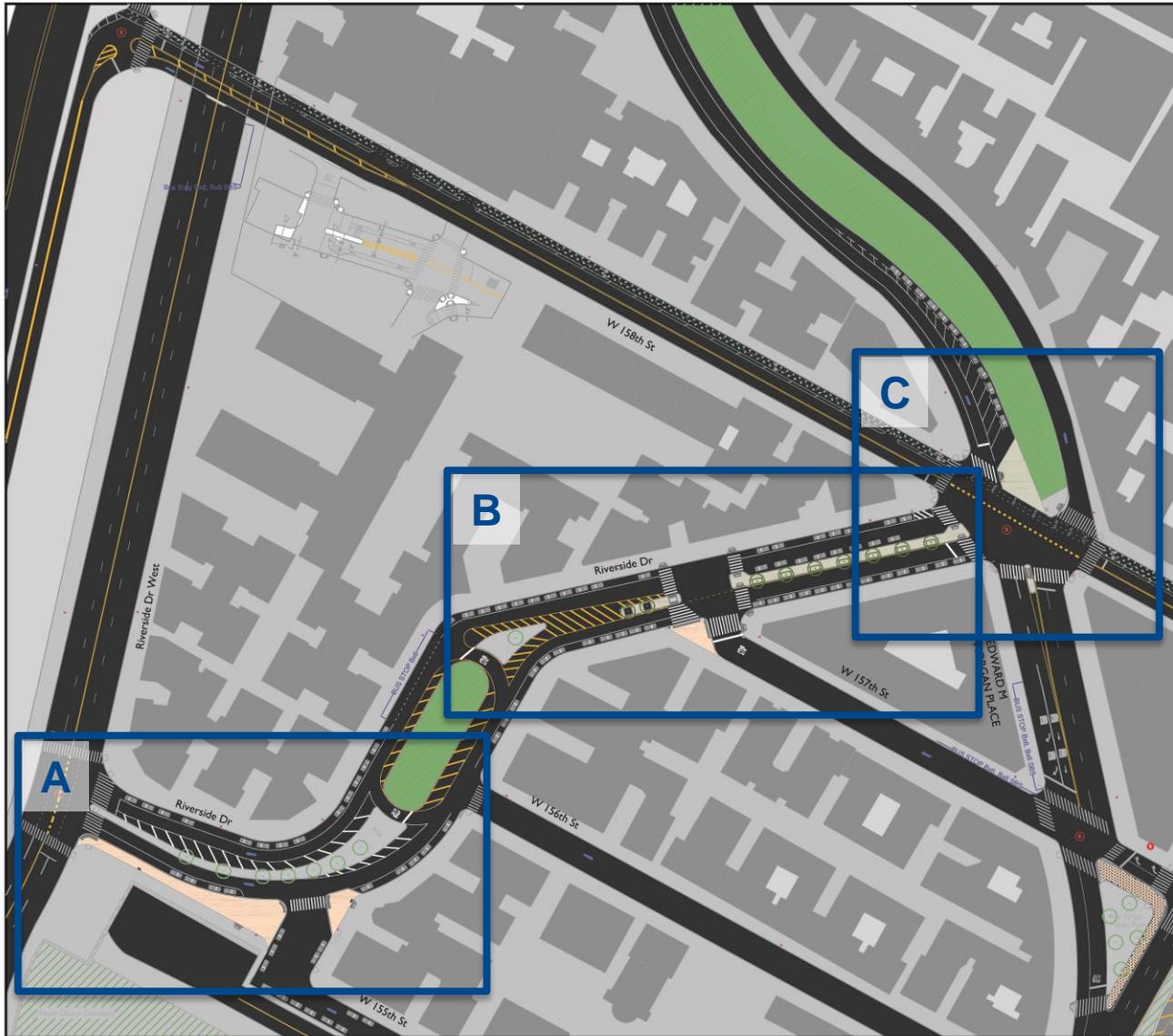


Concrete Pedestrian Island

Proposed Conditions

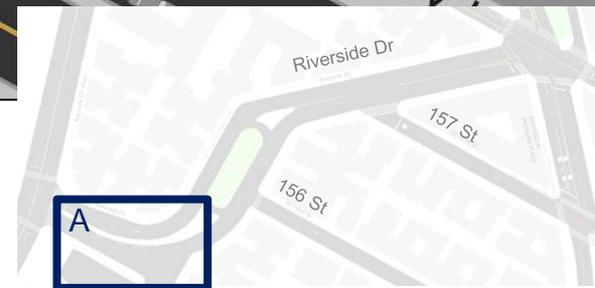
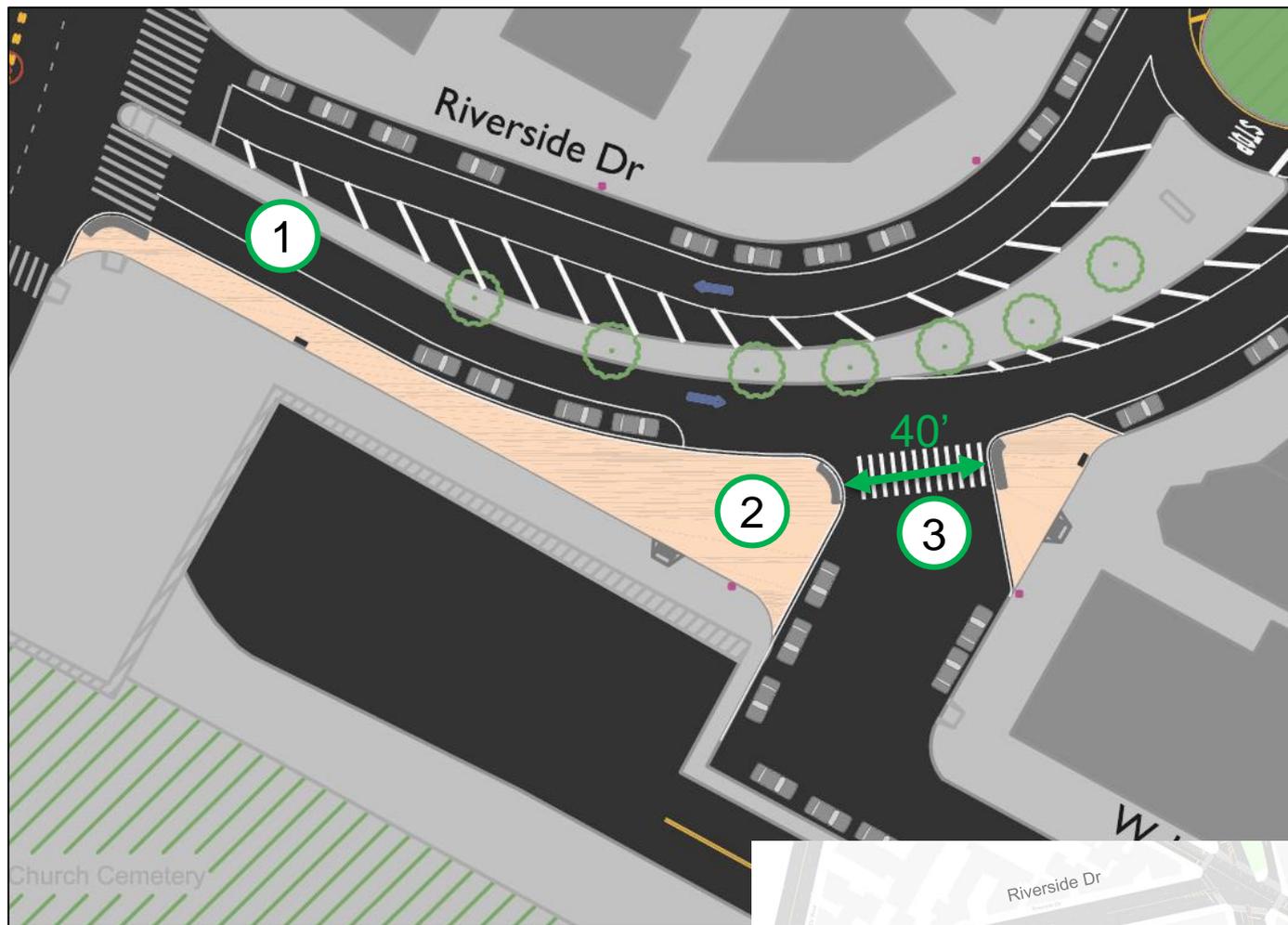
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PROPOSED CONDITIONS



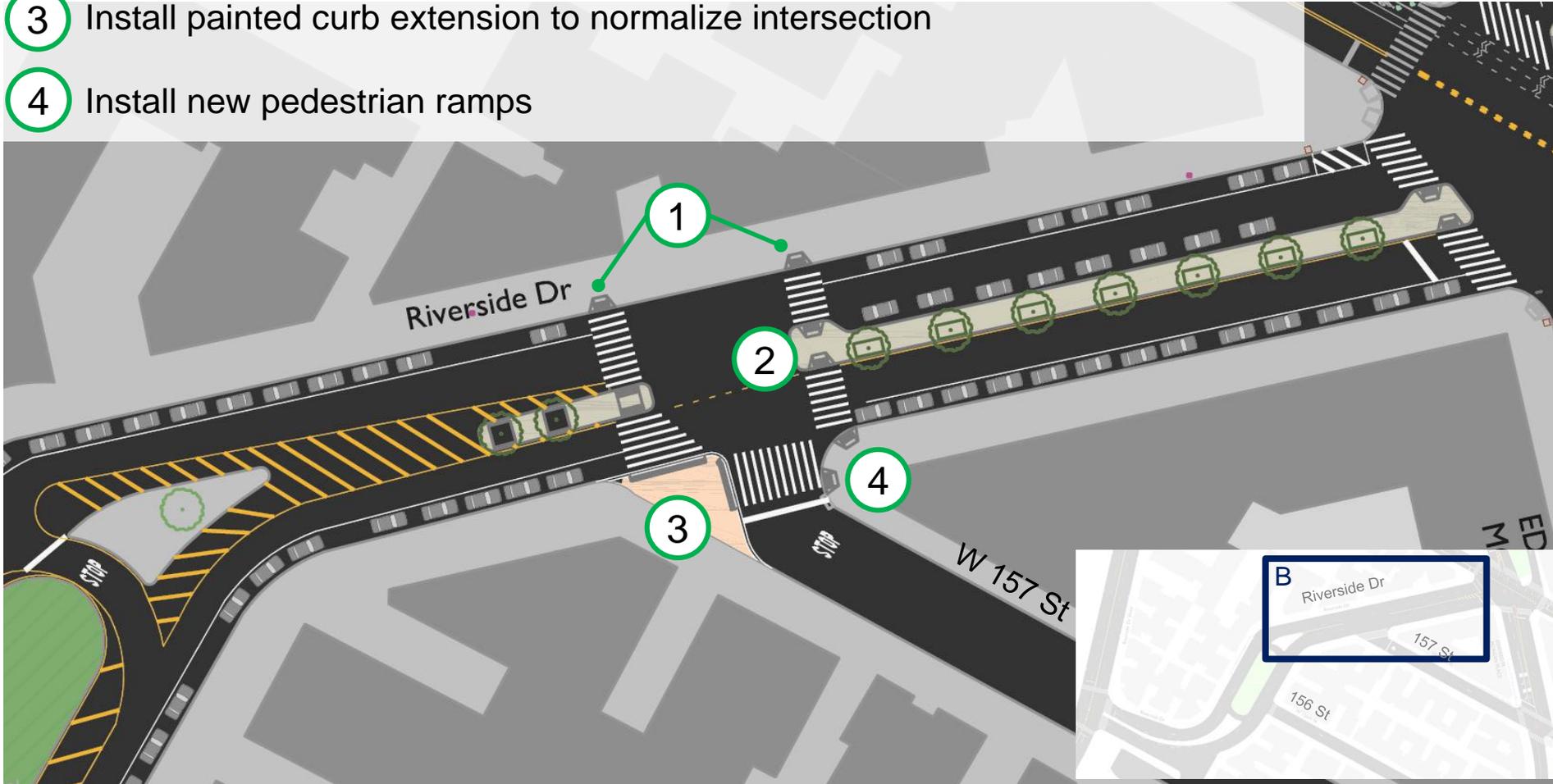
PROPOSED CONDITIONS

- 1 Convert to one travel lane in each direction
- 2 Add painted curb extensions to clarify traffic movements and shorten pedestrian crossings
- 3 Add crosswalk

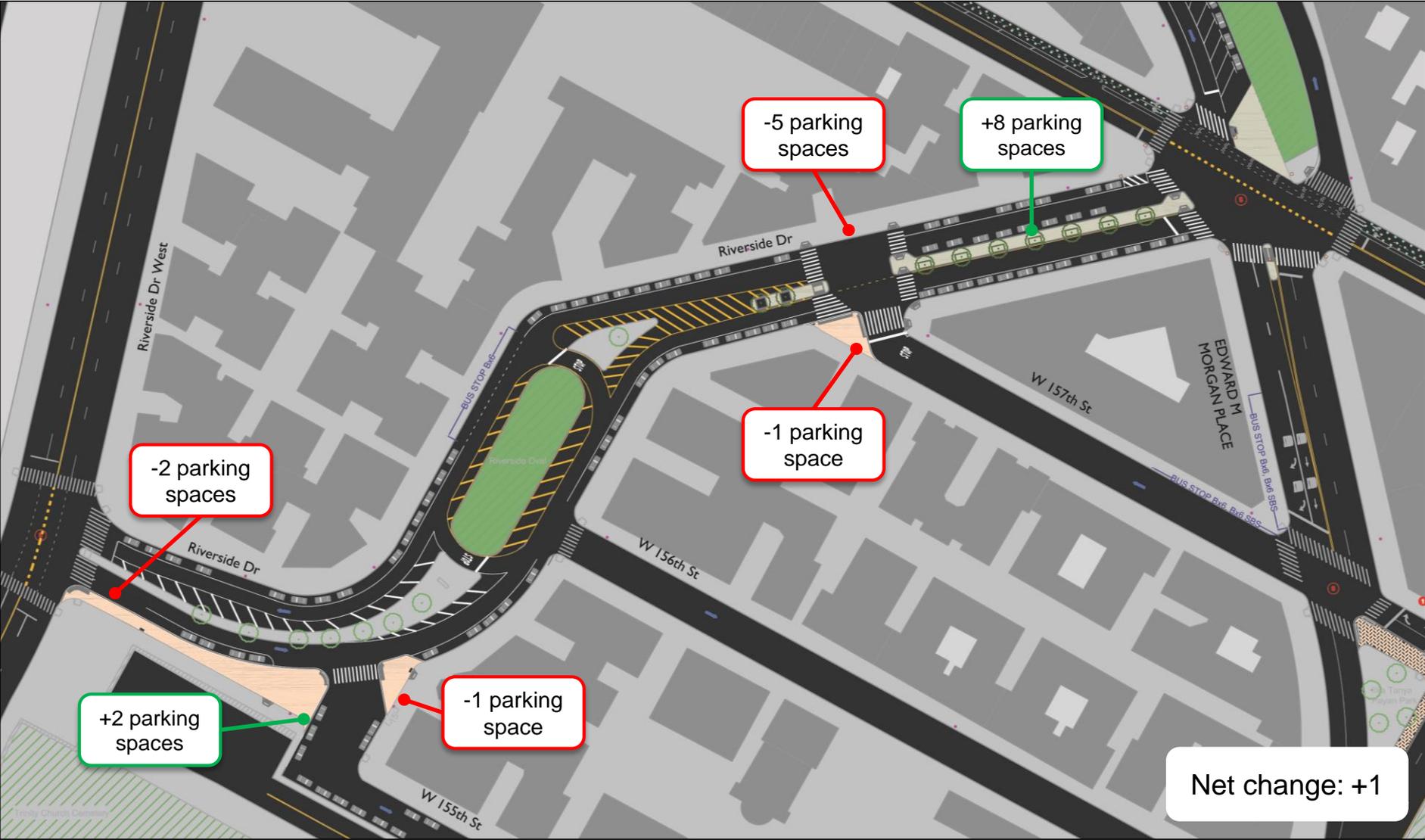


PROPOSED CONDITIONS

- 1 Install two enhanced crossings and signage
- 2 Build concrete medians to shorten pedestrian crossings and improve visibility
- 3 Install painted curb extension to normalize intersection
- 4 Install new pedestrian ramps

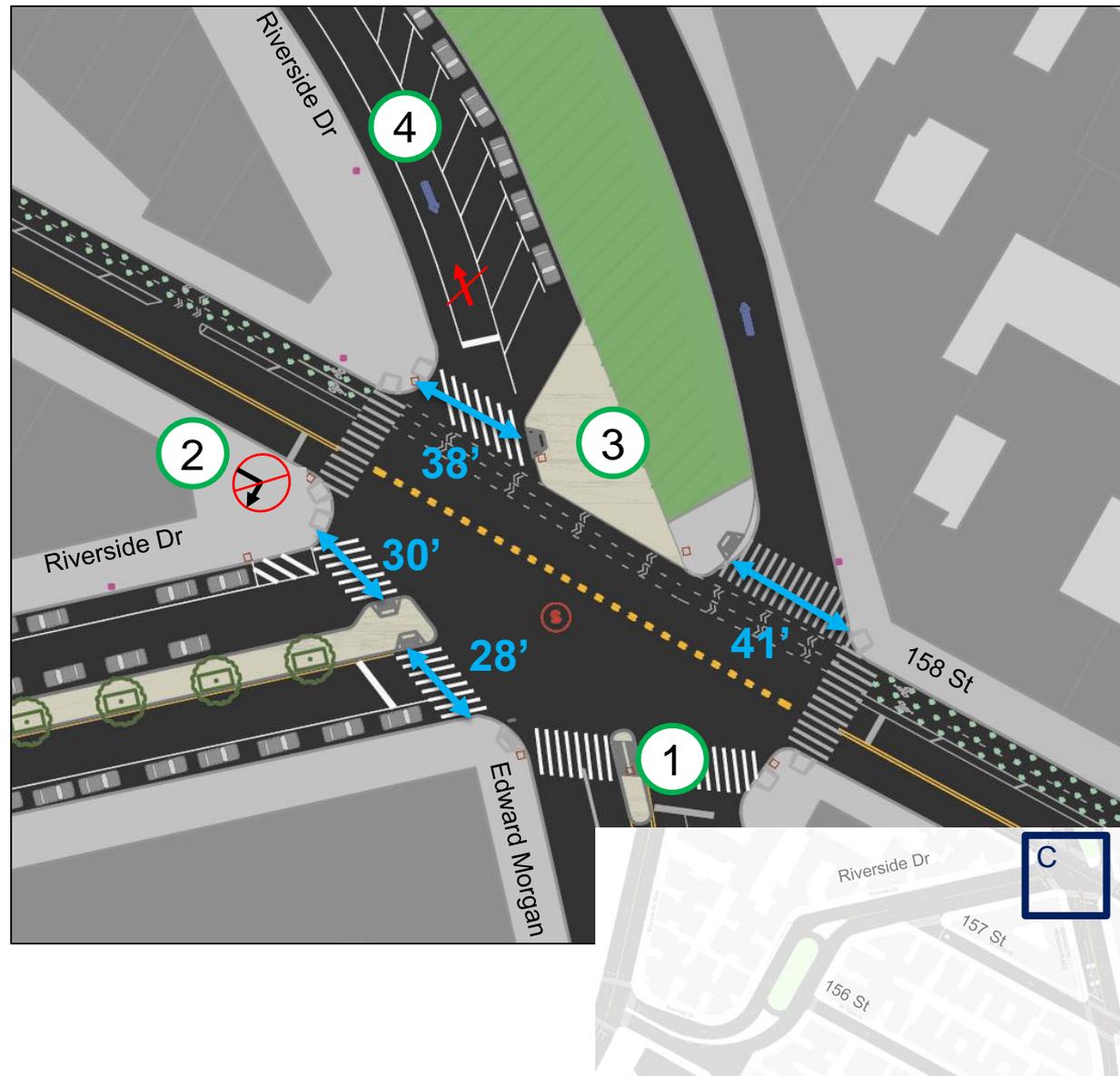


PARKING



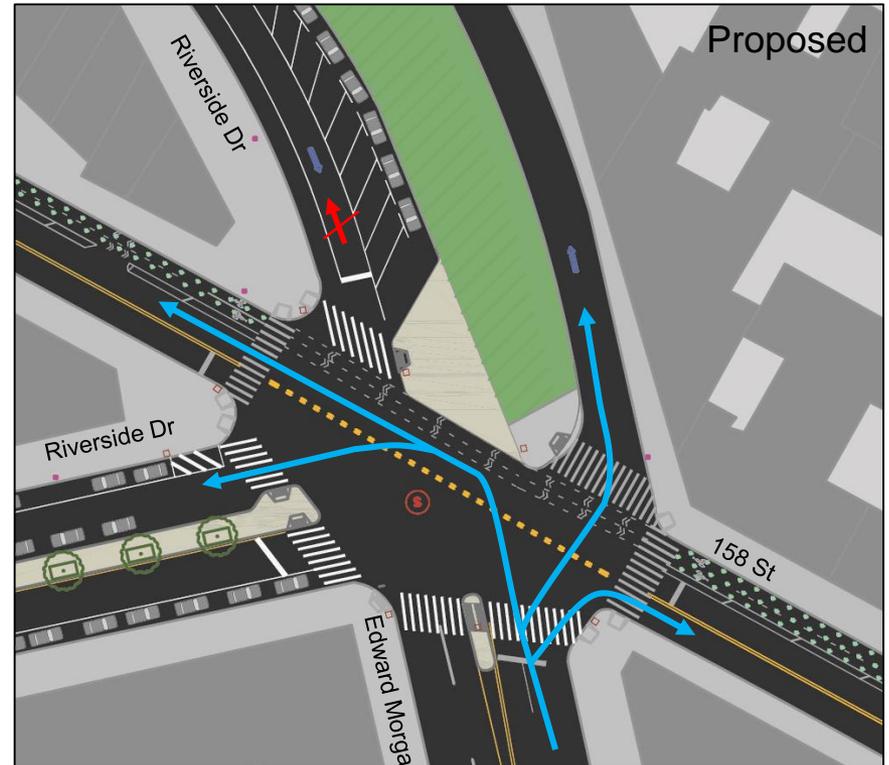
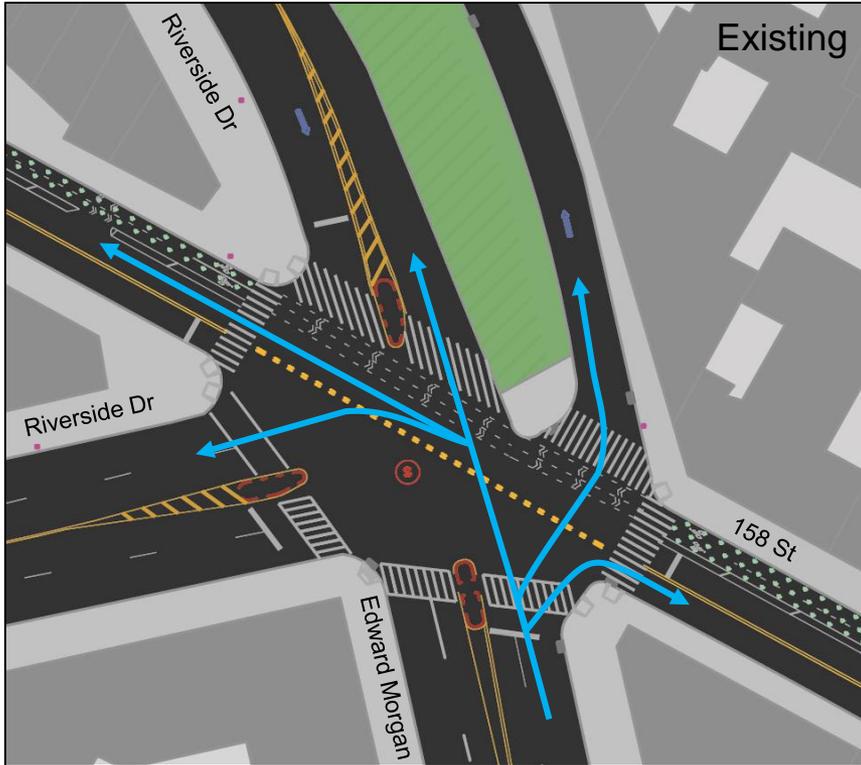
PROPOSED CONDITIONS

- 1 Upgrade concrete pedestrian island
- 2 Restrict right turn for vehicles over 30'
- 3 Build concrete curb extension to shorten pedestrian crossing
- 4 Convert Riverside Drive (Riverside Drive W to 158 St) from two-way to one-way SB



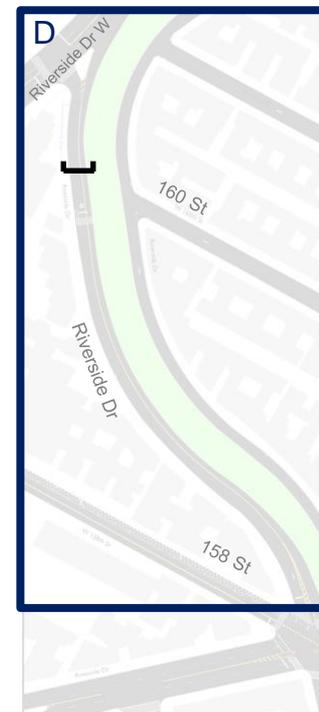
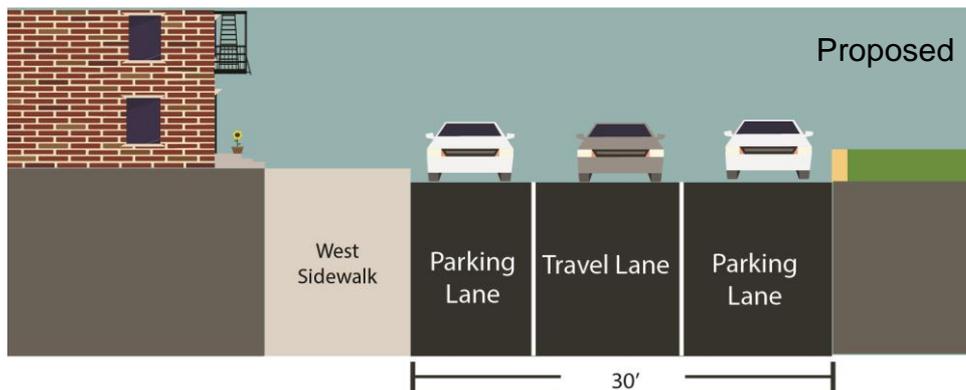
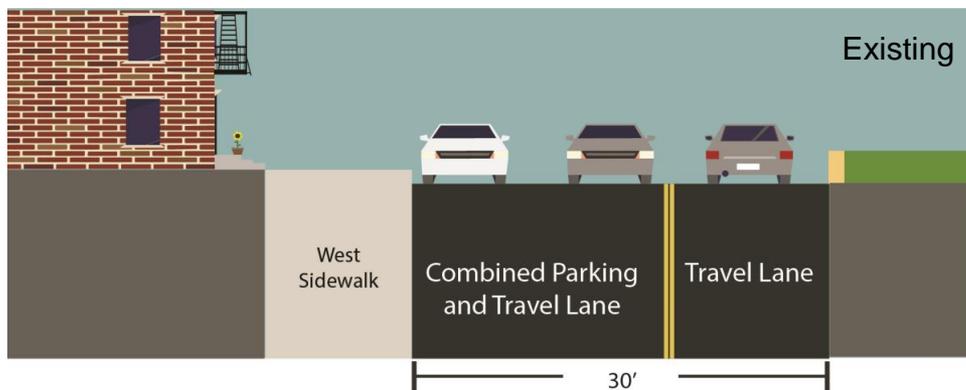
PROPOSED CONDITIONS

Clarify traffic movements



PROPOSED CONDITIONS

- 1 Convert Riverside Drive (Riverside Drive W to 158 St) from two-way to one-way SB
- 2 Install ~50 parking spaces along the retaining wall



SCHEDULE

Phase 1 might start in Summer 2020. Please note that the timeline for this project is subject to change due to the COVID-19 pandemic.

PHASE 1:

- Reduce Riverside Drive from 155 St to 158 St from two lanes to one lane in each direction
- Install painted curb extensions at 155 St and 157 St

PHASE 2:

- Convert Riverside Drive from 158 St to Riverside Drive West from a two-way to a one-way southbound, adding ~50 parking spaces

PHASE 3:

- Build concrete curb extensions and islands
- Install Enhanced Crossing at 157 St
- Build pedestrian ramps

SUMMARY

- Convert Riverside Drive (Riverside Drive W to 158 St) to a one-way southbound
- Build one concrete median on Riverside Drive from 157 to 158 St
- Build one concrete pedestrian refuge island at Riverside Drive and 157 St
- Upgrade concrete pedestrian refuge island at Riverside Drive, 158 St and Edward Morgan Pl
- Build one concrete curb extension on Riverside Drive at 158 St and Edward Morgan Pl
- Install two painted curb extensions at Riverside Drive and 155 St
- Install one painted curb extension at Riverside Drive and 157 St
- Install two enhanced crossings at Riverside Drive and 157 St
- Install one new crosswalk at Riverside Drive and 155 St
- Restrict right turn from EB 158 St onto SB Riverside Dr for vehicles over 30'
- Add a net of ~51 parking spaces to the area

BENEFITS



- Clarifies traffic movements
- Expands pedestrian network
- Provides safer, shorter pedestrian crossings
- Simplifies street network
- Adds parking

THANK YOU!

Questions?



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