



RIVERSIDE DR AND W 165TH ST

Community Board 12

December 1, 2025



BACKGROUND

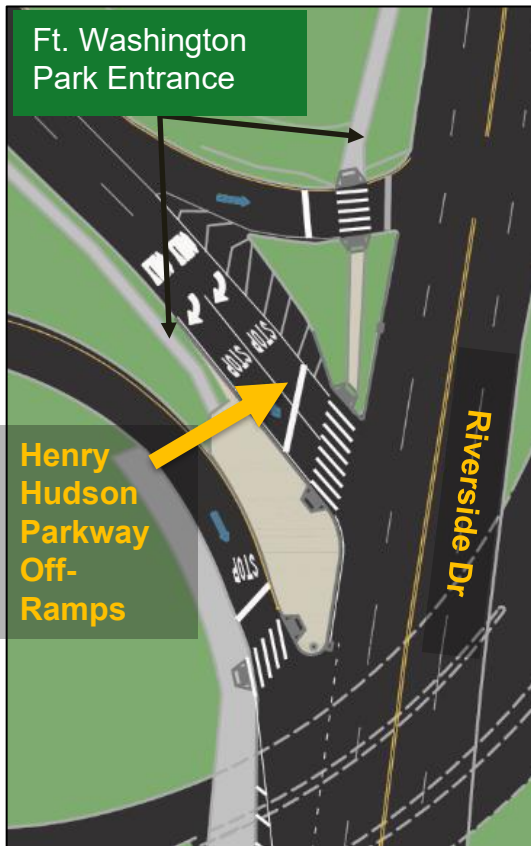
- Project Need
 - Support access to key locations along the corridor
 - Entrance to dog run
 - New York-Presbyterian Hospital/Columbia University



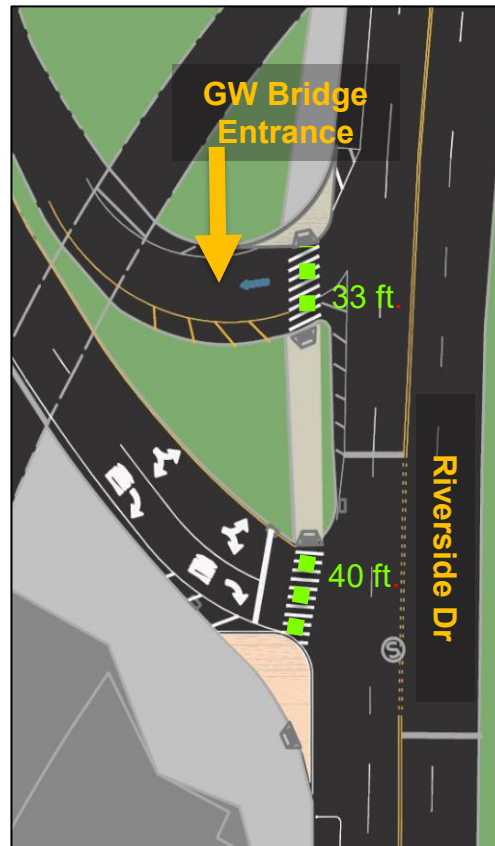
BACKGROUND

- Project Support

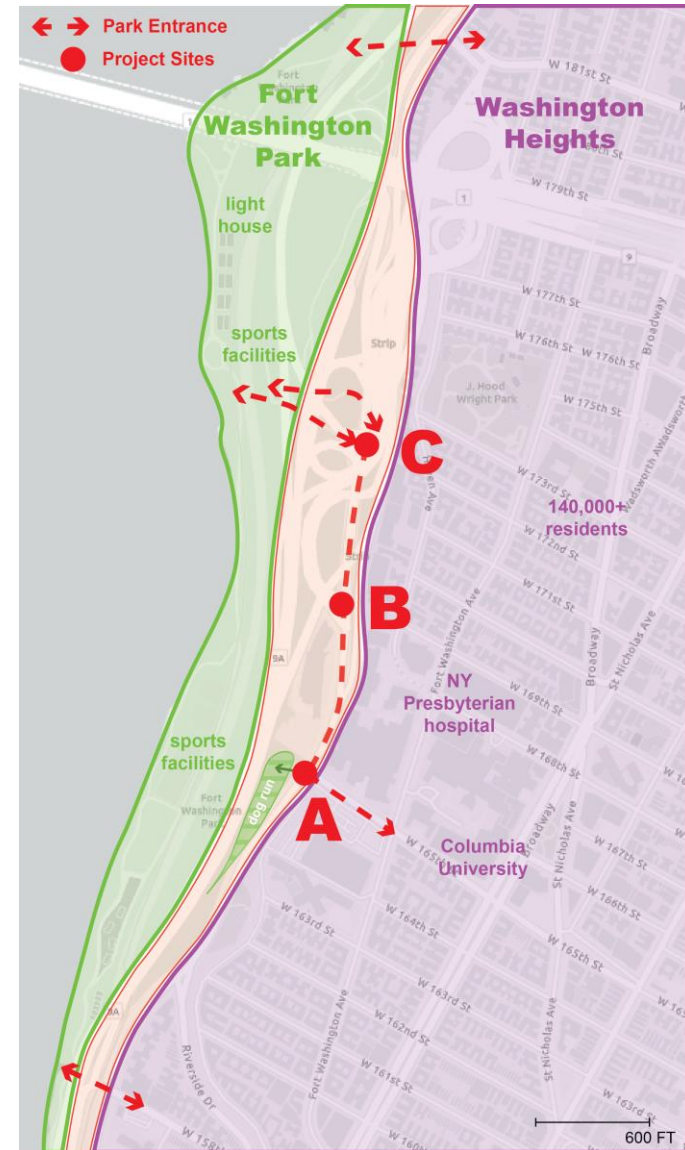
- Request by Department of Parks and Recreation to improve neighborhood access to Fort Washington Park
- CB 12 voted in support of project locations B and C in Spring 2020



Riverside Dr and Henry Hudson Parkway Ramps



Riverside Dr and GW Bridge Ramps



BACKGROUND

- Changes Implemented
 - 2018 Signal Timing adjustments
 - Westbound to north-bound right on W165 changed to no turn on red
 - 2025 Henry Hudson Off-Ramps improvements



Riverside Dr and Henry Hudson Pkwy Off-Ramps

SAFETY ISSUES

- With only one crosswalk, pedestrians cross without crosswalk regularly
- Adjustments have made an impact, but additional work can improve this further



Riverside Dr and W 165th Street
Injury Summary, 2016-2020 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	13	1	0	1
Bicyclists	4	0	0	0
Motor Vehicle Occupant	52	4	0	4
Total	69	5	0	5

Riverside Dr and W 165th Street
Injury Summary, 2020-2025 (5 years)

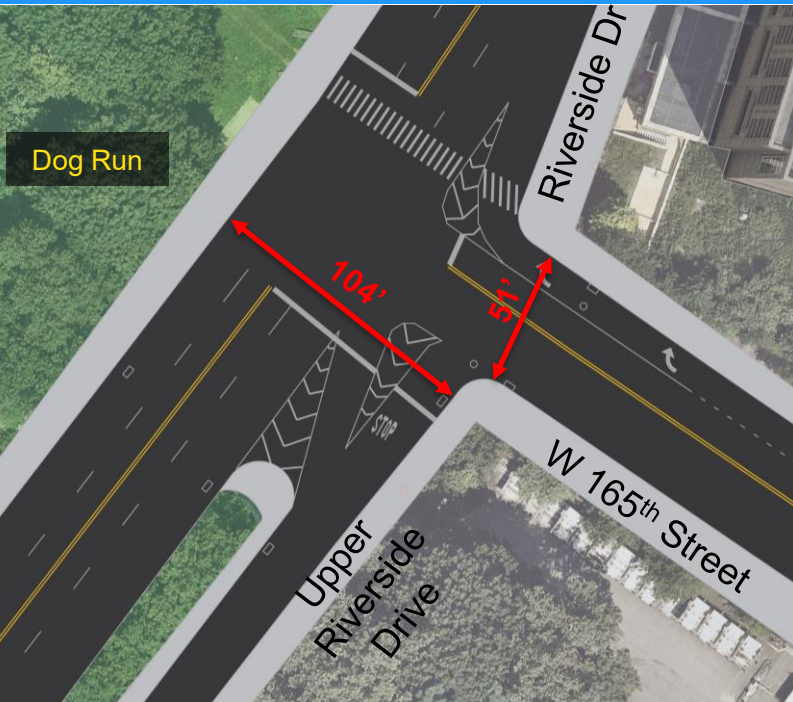
	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	5	0	0	0
Bicyclists	4	0	0	0
Motor Vehicle Occupant	20	1	0	1
Total	30	1	0	1

KSI = Killed or Severely Injured

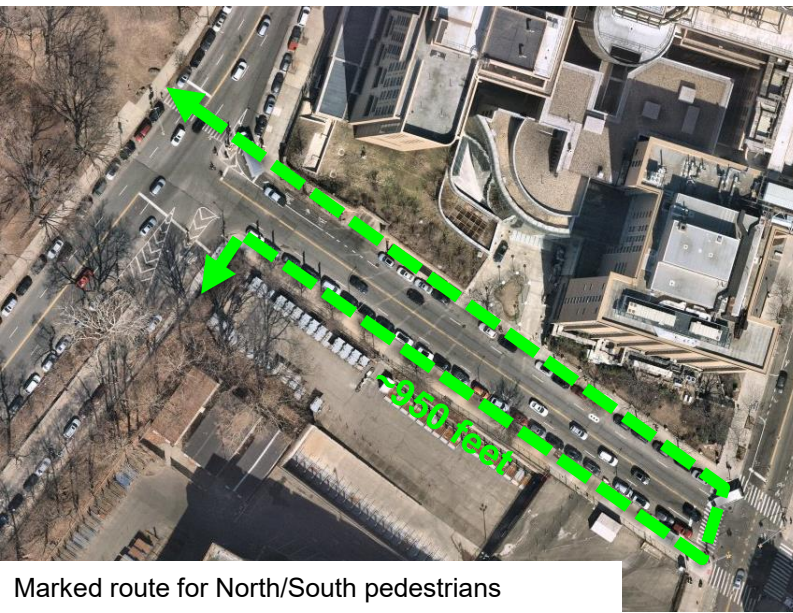
Existing Conditions

1

EXISTING CONDITIONS



- Only one crosswalk for entire intersection
 - Pedestrians have only 7 seconds of protected time to cross right turn lane
 - 800+ right turning vehicles (extremely high volumes)
 - Perceived pedestrian anxiety from voluminous rights
- Long crossing distances, marked or unmarked
- Natural crossing desire lines can be behind waiting vehicles
- Legal crossing: ~950 feet to travel for pedestrians walking north-south instead of 51 feet



Marked route for North/South pedestrians



A pedestrian crosses W165th St without a crosswalk

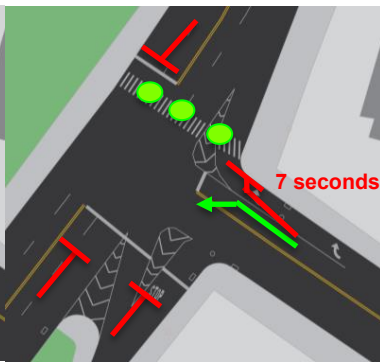
SIGNAL TIMING – 90 SECONDS TOTAL

PHASE A



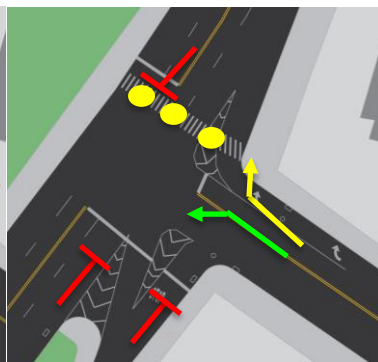
39 seconds

PHASE B



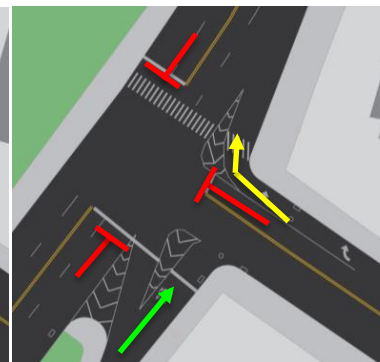
7 seconds

PHASE C



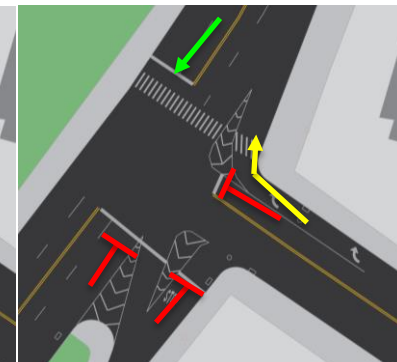
18 seconds

PHASE D



13 seconds

PHASE E



13 seconds



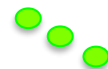
Vehicular green movement



Vehicular red stop



Vehicular flashing yellow arrow –
proceed with caution



Pedestrian walk phase



Pedestrian flashing don't walk phase

- Signal timing adjusted in late 2018
 - Westbound to north-bound right on W165 changed to no turn on red
 - Right turn is red for just 7 seconds (of 90 secs), remainder of signal cycle is flashing yellow/yield

Proposed Plan

2



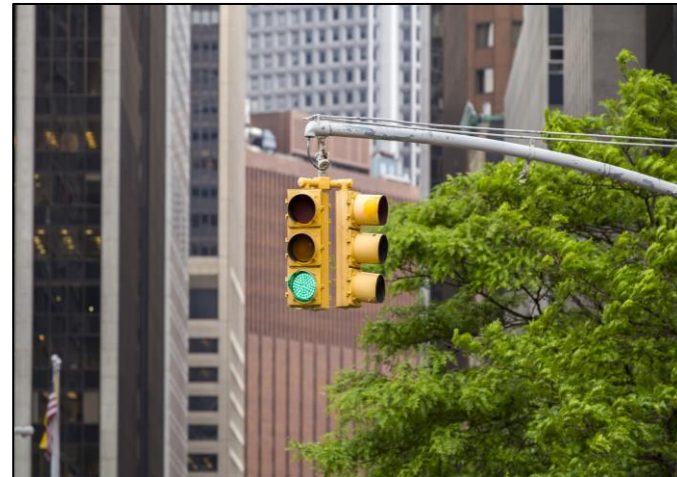
Crosswalks



Painted Pedestrian Space with Flexible Delineators



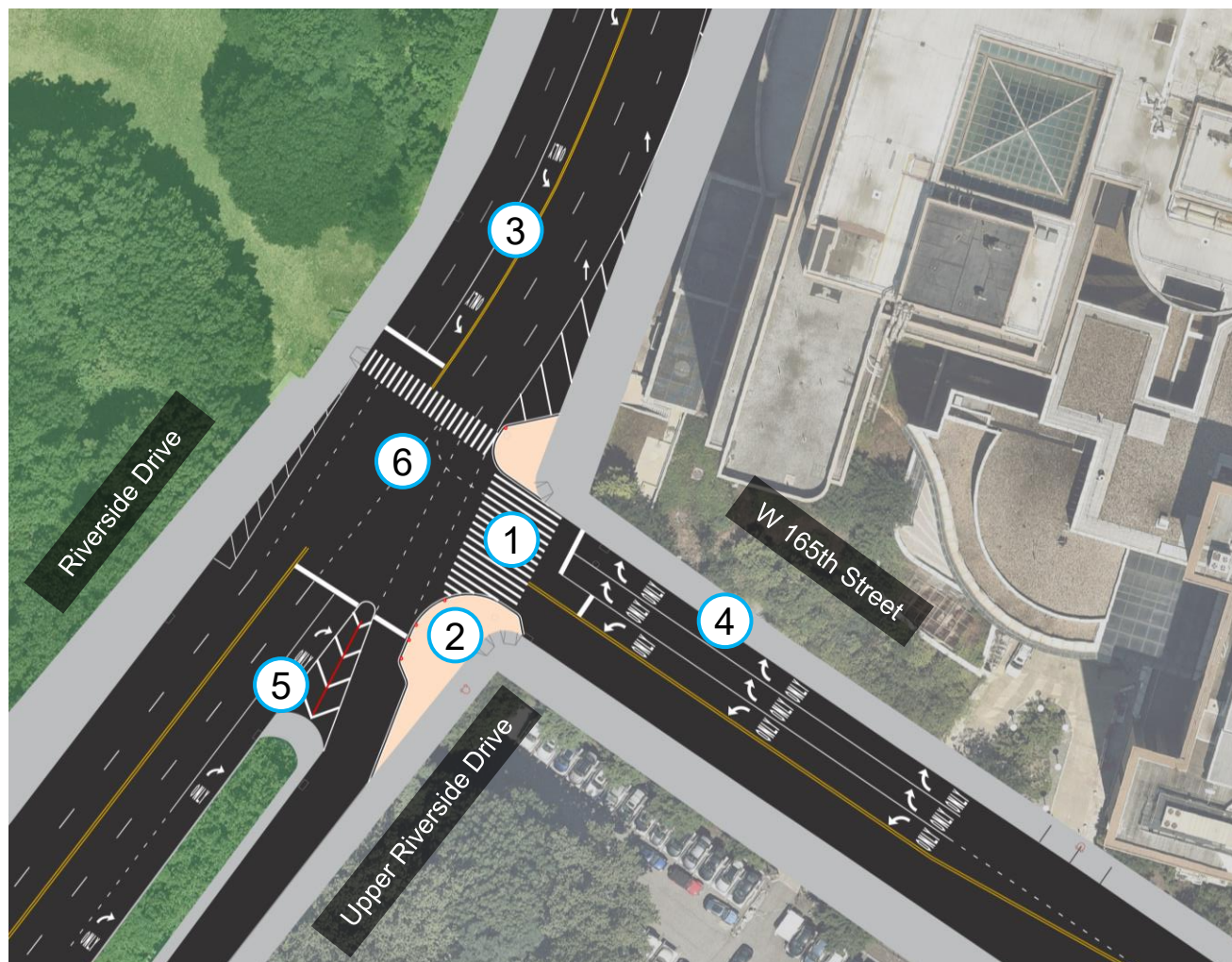
Lane Designations



Signal Timing

REVISED PROPOSAL

1. Install one new crosswalk across West 165th Street
2. Install graveled/painted pedestrian space
3. Add South-bound left-turn lane
4. Reconfigure W165th St lane assignments
5. Keep right turn from northbound Riverside Dr to W 165th St
6. Revise signal timing

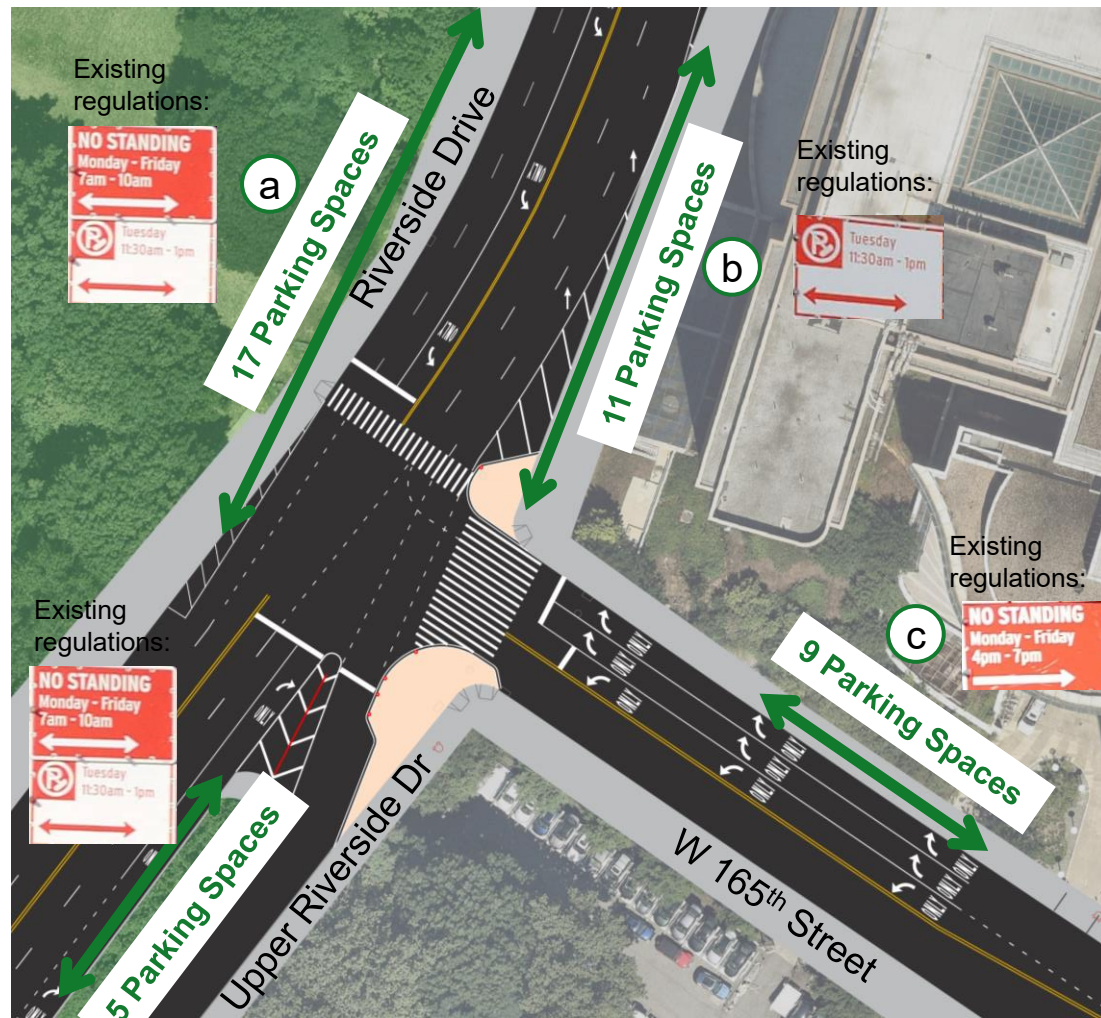


Proposed Plan

PROPOSED CURB MANAGEMENT PLAN

Curbside space:

- **Clarify vehicle movements:**
 - Convert 17 short term (rush hour regulation No Standing Anytime 7 am-10 M-F) parking spaces to full time moving lane to accommodate a southbound left turn lane
 - Convert 11 long term parking spaces to a new merge lane from Upper Riverside Dr
 - Convert 9 short term parking spaces to a 2nd full time right turn lane on westbound W165th St
 - Convert 5 short term parking spaces to right turn lane



PROPOSED SIGNAL TIMING

PHASE A

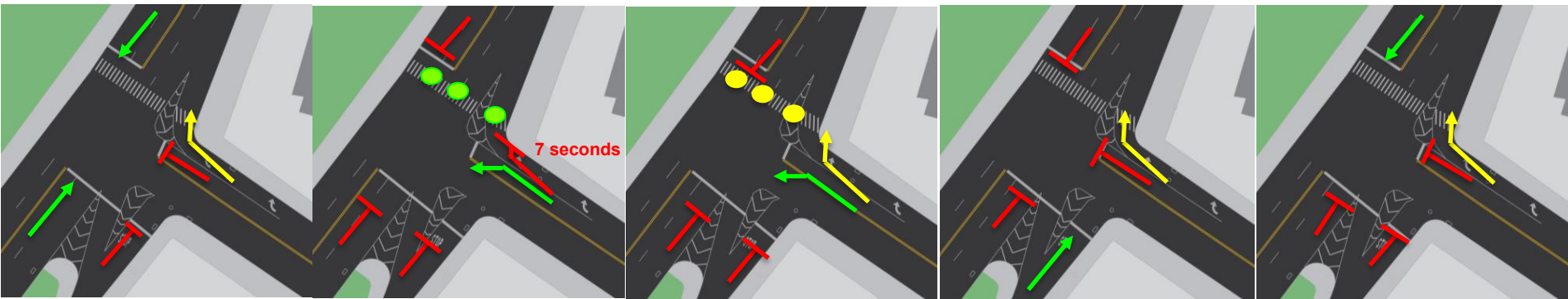
PHASE B

PHASE C

PHASE D

PHASE E

Existing



39 seconds

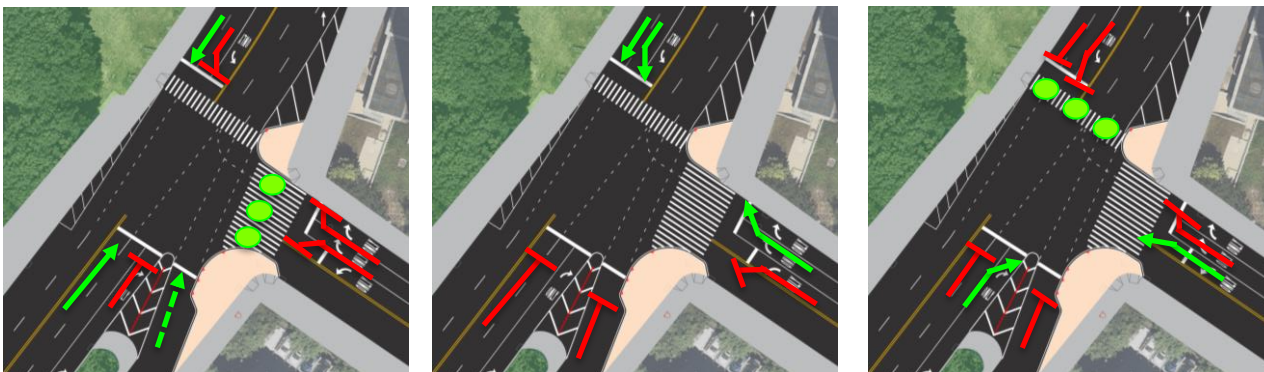
7 seconds

18 seconds

13 seconds

13 seconds

Proposed




30 seconds

36 seconds

24 seconds

- Fewer, simpler phases
- Increased safety
- Dedicated pedestrian crossing phases
- Clarity of movements

 Flashing red for service road movement

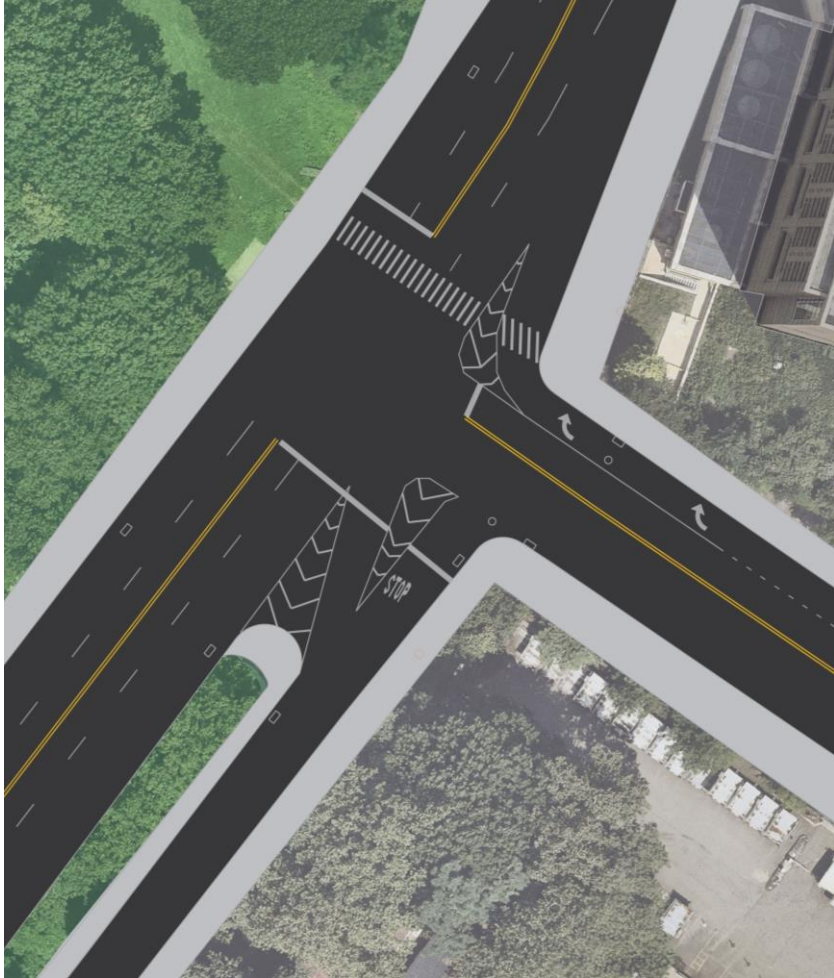
LIGHTING IMPROVEMENTS

- Rocky's Dog Run lighting scheduled for implementation in next contract (projected 2026)
- NYC DOT will survey the area for additional lighting opportunities
- Any outages should be reported so NYC DOT can make repairs

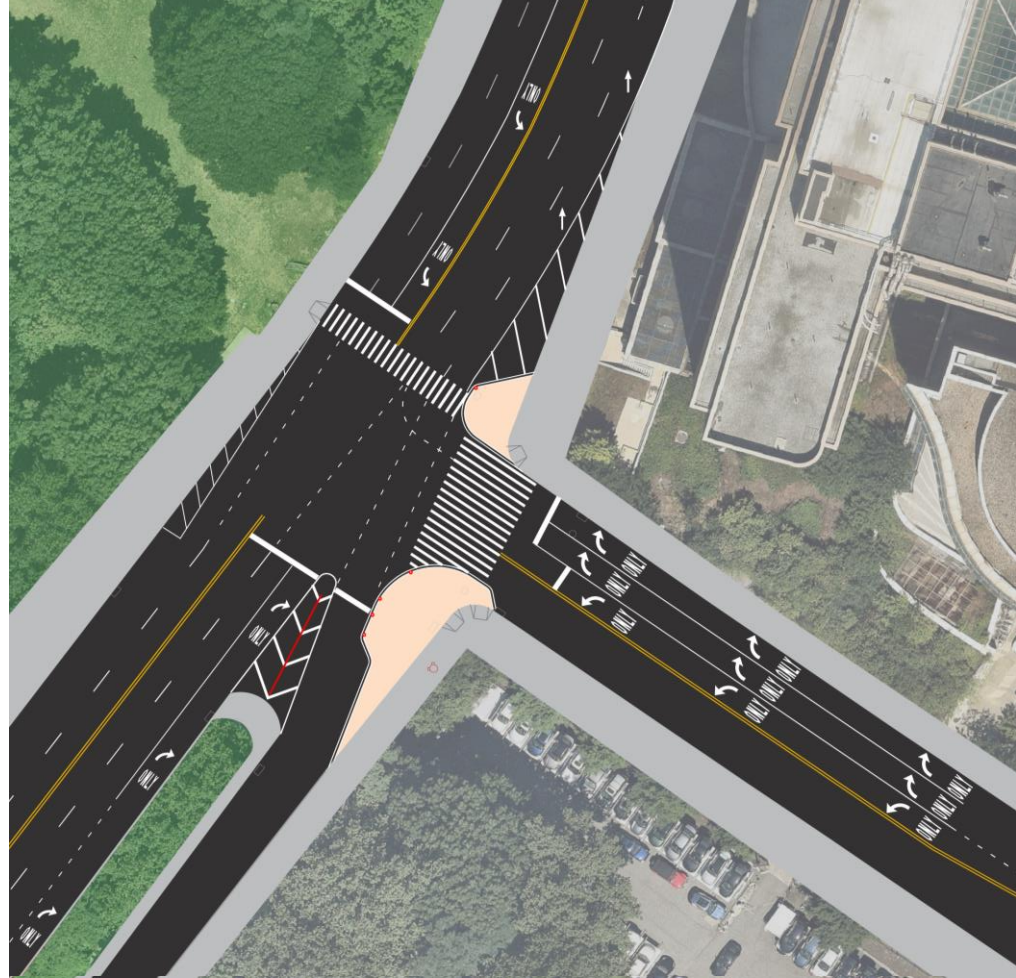


Riverside Dr and W 165th St

EXISTING / PROPOSED COMPARISON



Existing Conditions



Proposed Plan

BENEFITS

- Improved signal timing for enhanced pedestrian safety
- More crosswalks for more accessible, safer crossing
- Shorter crossing distances
- Redesigned intersection & turn lanes
- Clearer vehicular movements

Riverside Dr and W 165th St



THANK YOU!

Questions?



NYC DOT



NYC DOT



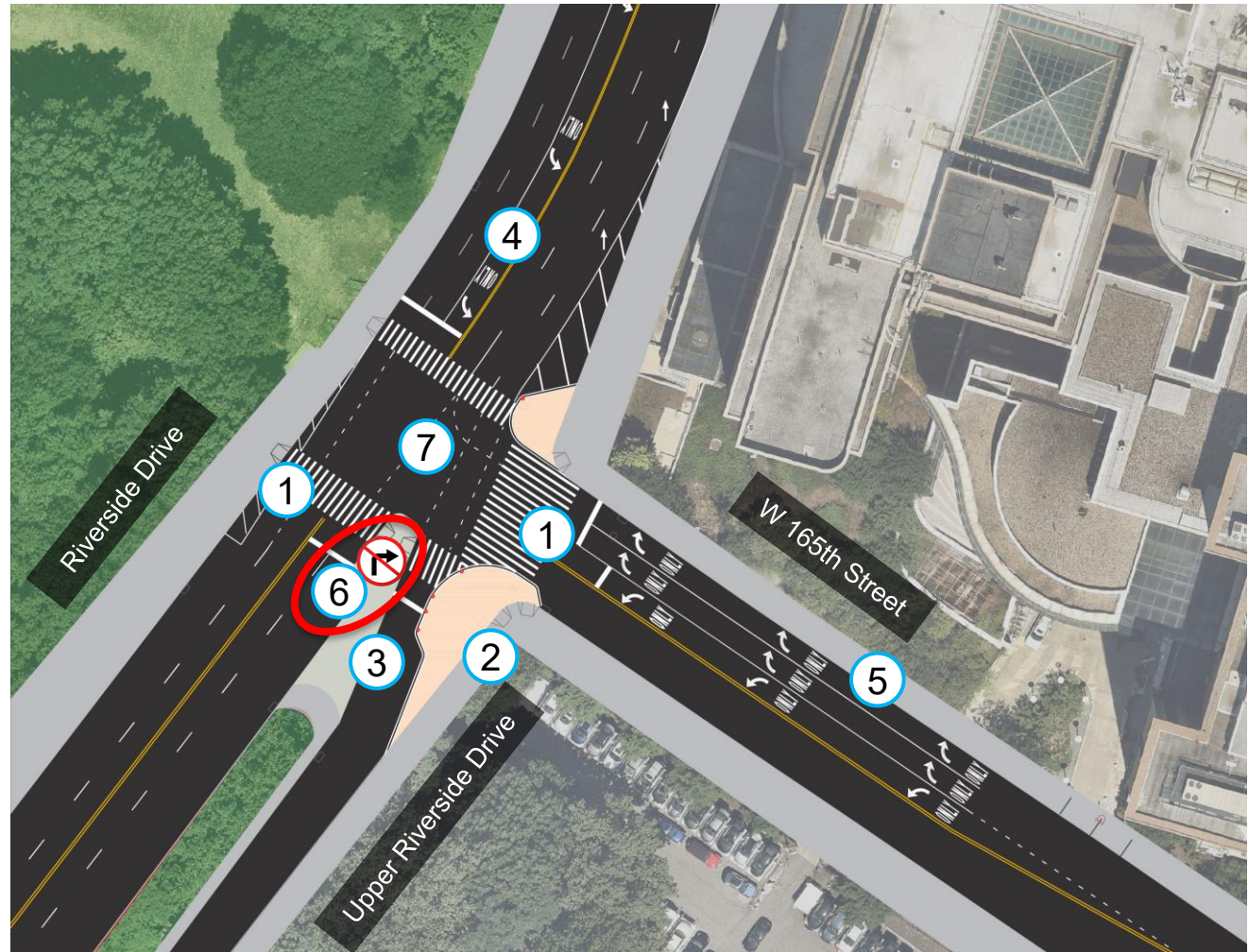
nyc_dot



NYC DOT

PREVIOUSLY PROPOSED PLAN

1. Install two new crosswalks
2. Install graveled/painted pedestrian space
3. Install concrete median extension
4. Add South-bound left-turn lane
5. Reconfigure W165th St lane assignments
6. No right turn from northbound Riverside Dr to W 165th St
7. Revise signal timing



Proposed Plan