



# EASTERN PARKWAY AND BUFFALO AVENUE

Presentation to CB 8

April 26, 2022

---

# Background

# 1



# BACKGROUND: EASTERN PKWY

## Ongoing Work



**Before  
(2017)**

Bedford Ave  
service road



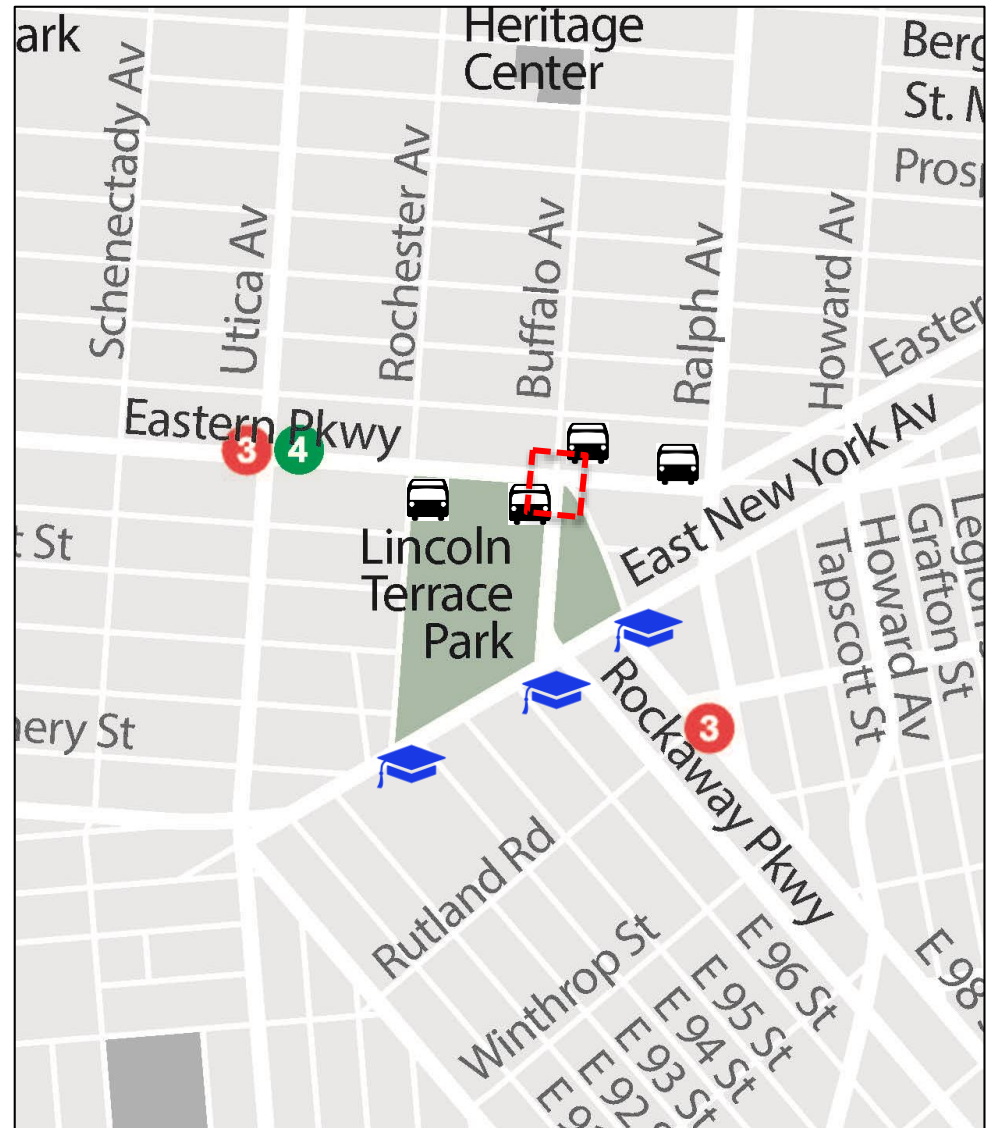
**After  
(2018)**

Bedford Ave  
service road  
with signalized  
control and new  
crosswalk



# BACKGROUND: EASTERN PKWY AND BUFFALO AVE

- High traffic area that connects Eastern Pkwy to Rockaway Pkwy
- Adjacent to Lincoln Terrace Park
- Nearby B12 and B14 bus stops, and Utica Ave subway station
- Eastern Pkwy is a Vision Zero Corridor



# BACKGROUND: BUFFALO AVE

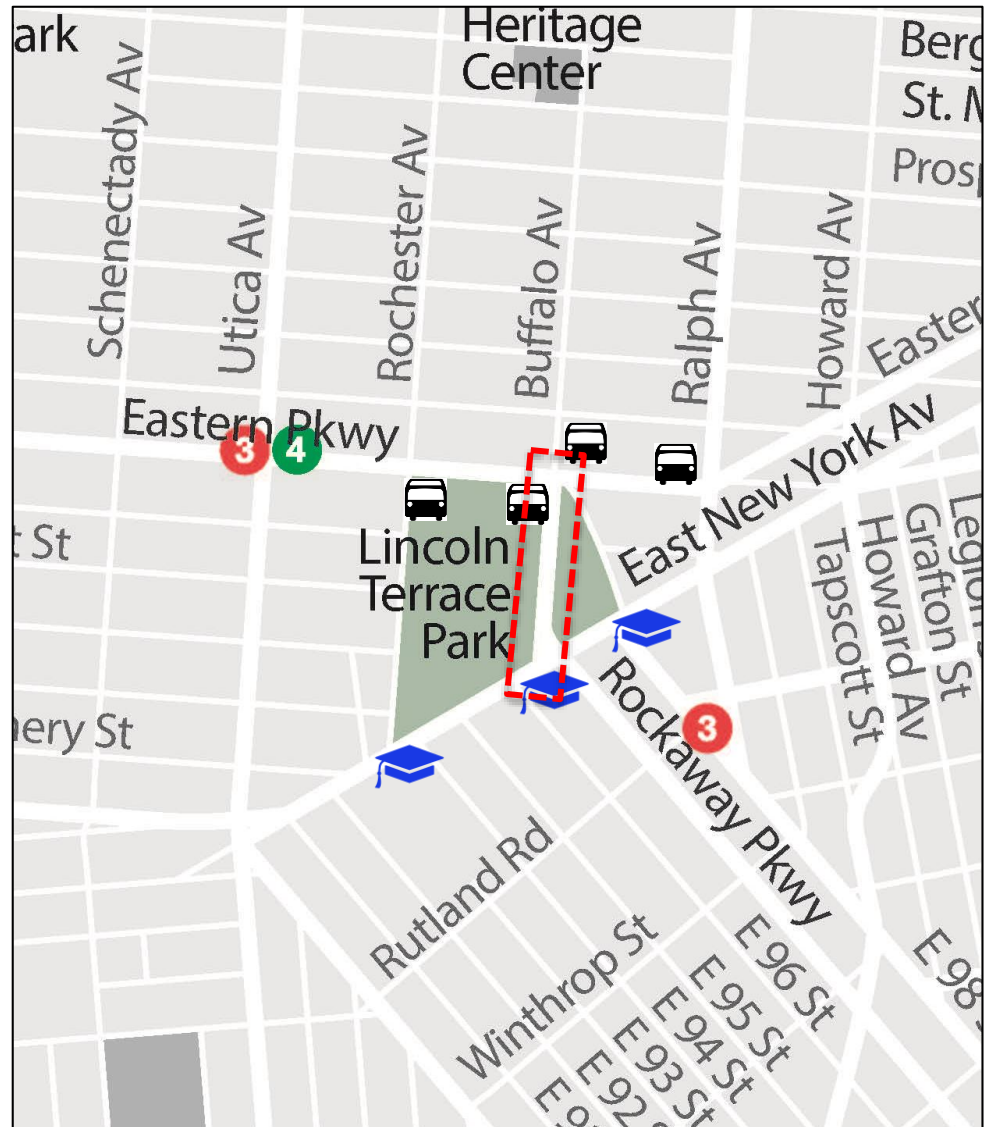
- Conventional bike lanes were installed in 2010
- Multiple schools along East New York Ave
- Rockaway Pkwy is a Vision Zero Corridor
- NYPD request to improve safety of intersection due to high crash history
- 75% of pedestrian injuries occur due to turning vehicles

Buffalo Ave, Eastern Pkwy to E New York Ave

Injury Summary, 2015-2019 (5 years)

	Total Injuries	Severe Injuries	Fatalities
Pedestrian	29	1	0
Bicyclists	7	0	0
Motor Vehicle	215	6	1
Total	251	7	1

Source: Fatalities: NYCDOT, Injuries: NYSDOT



---

## Existing Conditions

# 2

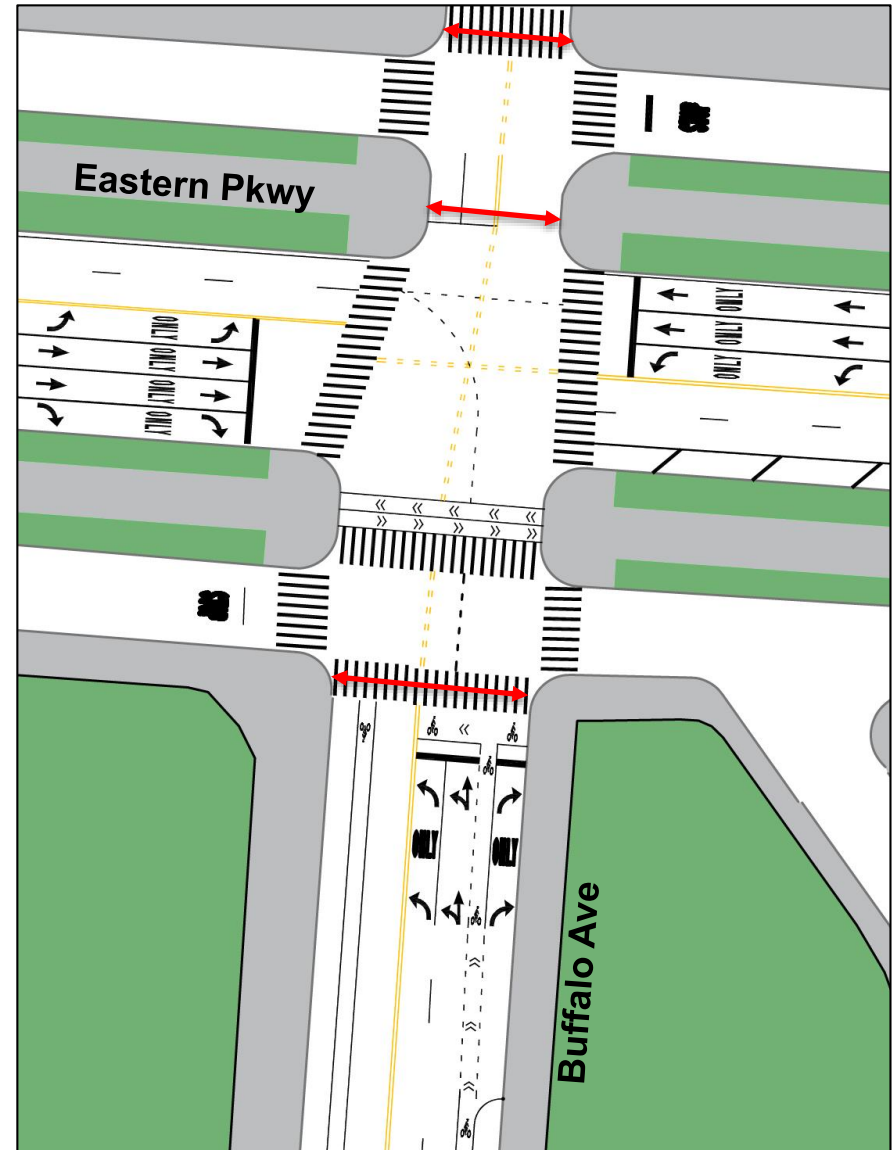


# EXISTING CONDITIONS: EASTERN PKWY AND BUFFALO AVE

- Uncontrolled and unmarked crosswalks throughout intersection



Eastern Pkwy eastbound service road facing east at Buffalo Ave

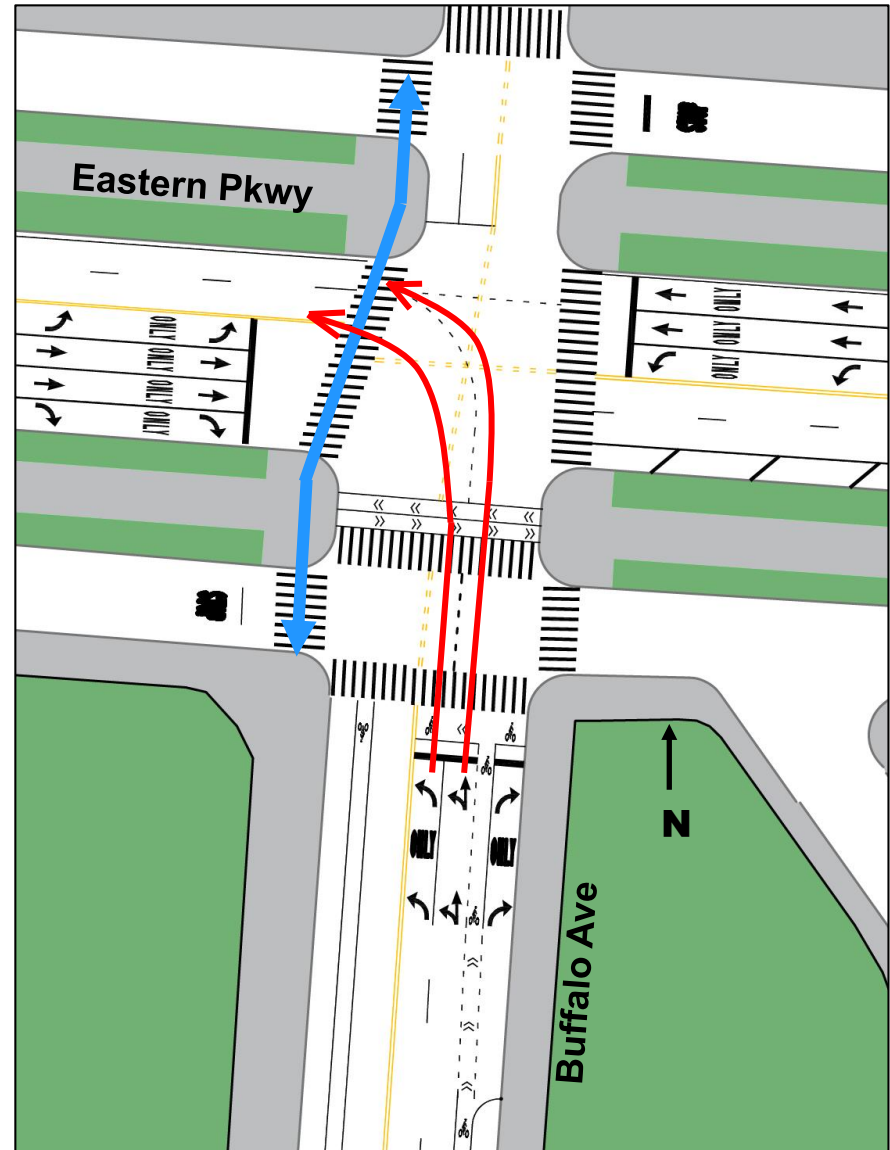


# EXISTING CONDITIONS: EASTERN PKWY AND BUFFALO AVE

- Double northbound left turn is required to yield to pedestrians on west crosswalk



Buffalo Ave facing north at Eastern Pkwy



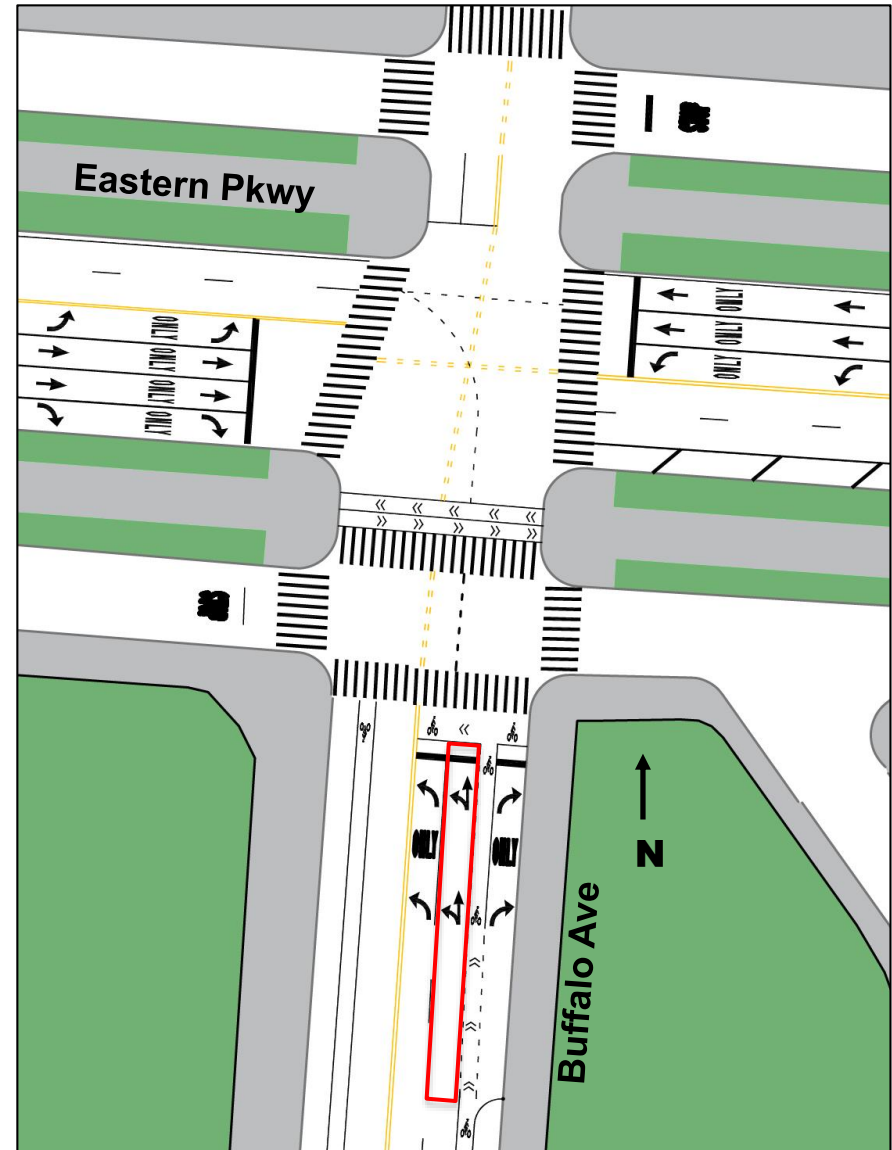


# EXISTING CONDITIONS: EASTERN PKWY AND BUFFALO AVE

- Shared lane for left turn and through movements cause delay for both
  - Dedicated right turn lane has low volume



Buffalo Ave facing south at Eastern Pkwy

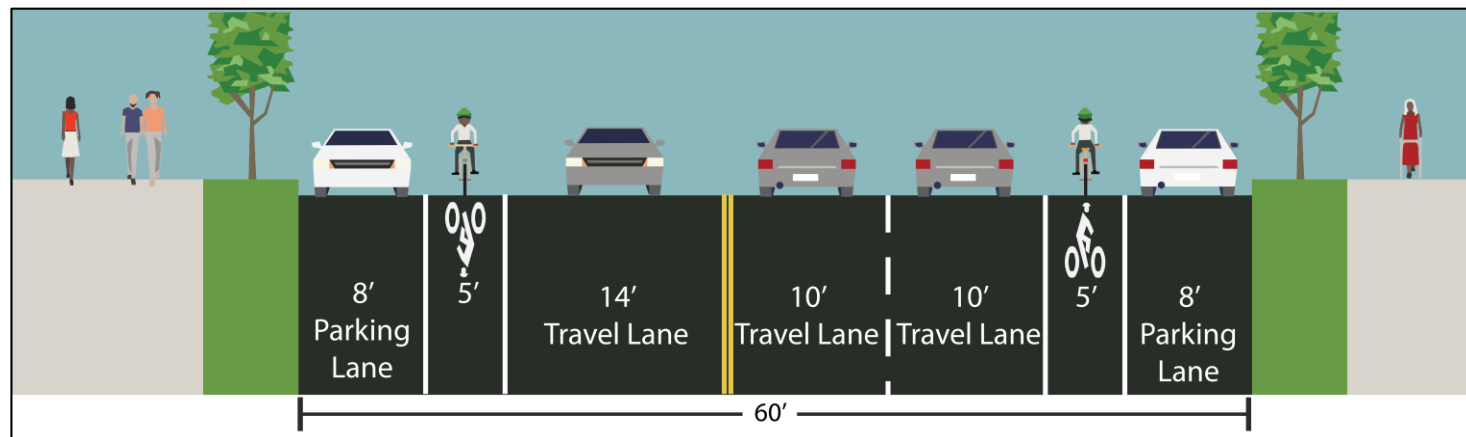


# EXISTING CONDITIONS: BUFFALO AVE

- Conventional bike lanes leave bicyclists unprotected from adjacent travel lane

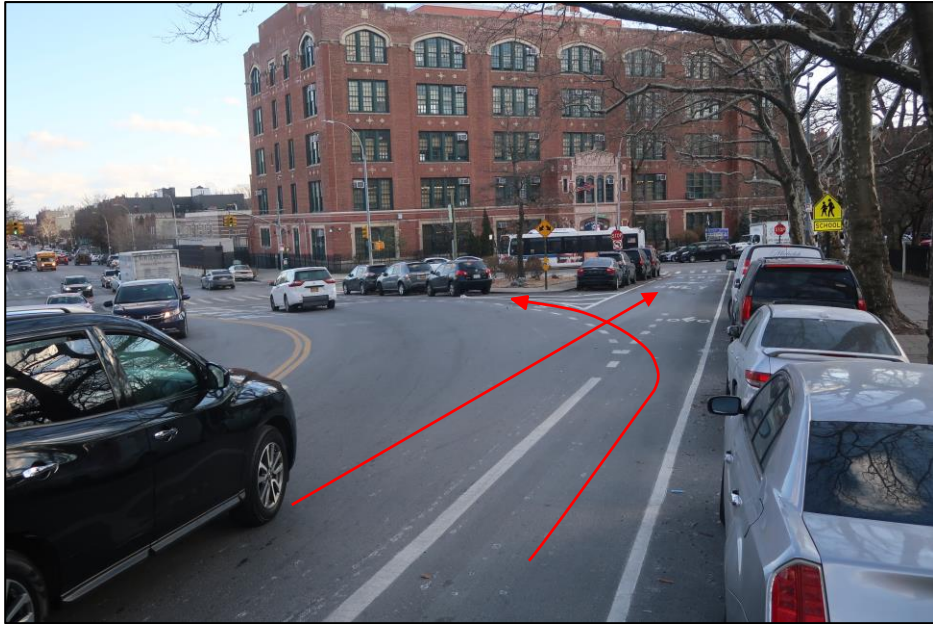


Buffalo Ave facing north midblock from Eastern Pkwy

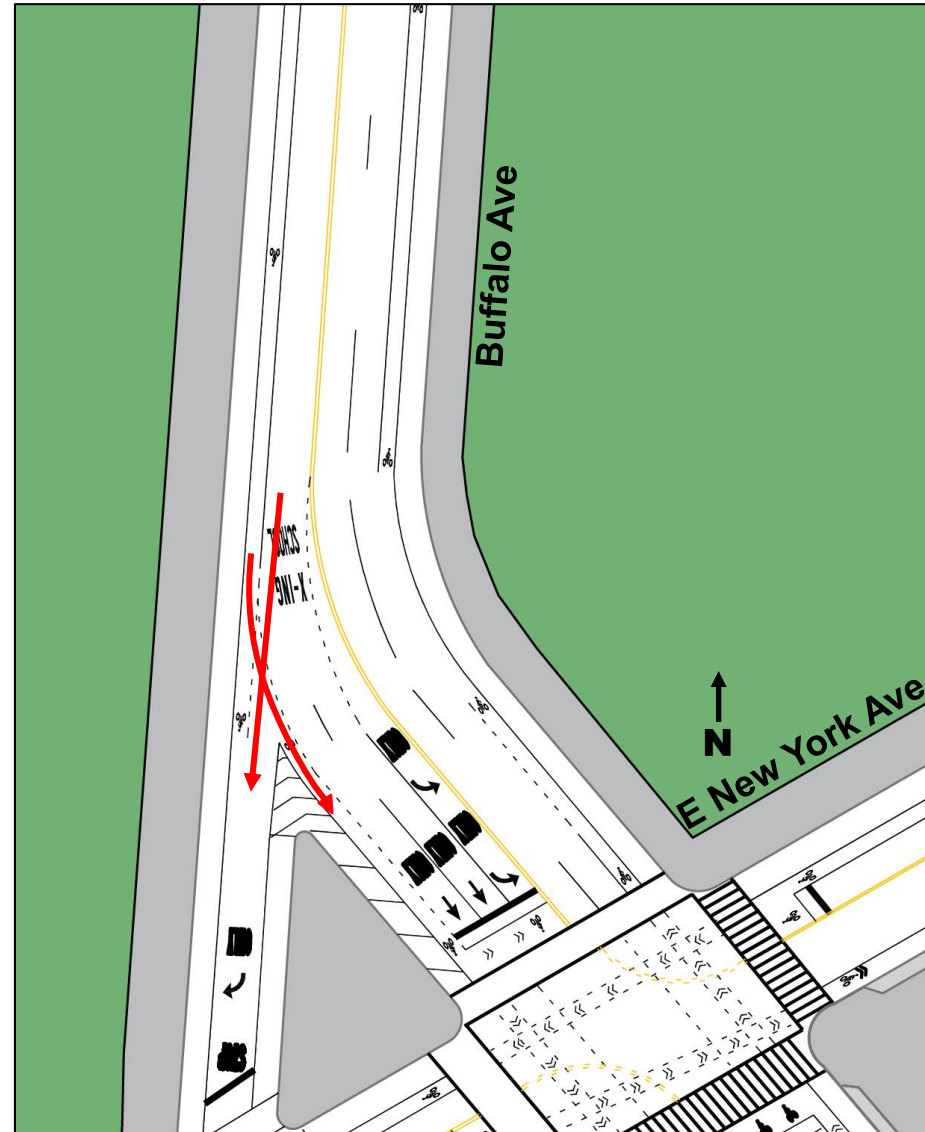


# EXISTING CONDITIONS: BUFFALO AVE

- Lane split at Rockaway Pkwy and East New York Ave causes conflict between bicyclists and vehicles



Buffalo Ave facing south at approach of E New York Ave



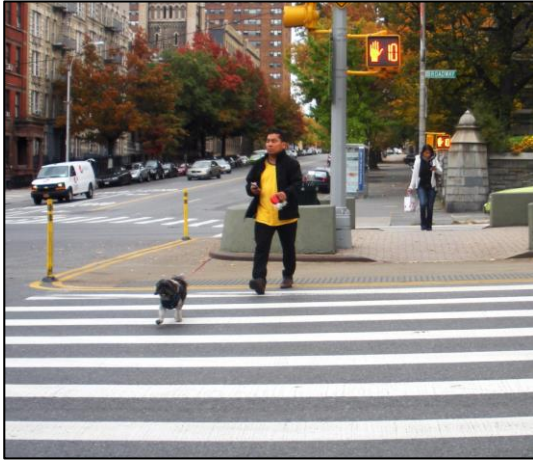


---

Proposed

3

# TOOLKIT



Crosswalks



Traffic Signals



Pedestrian Signals



Lane Destination Markings



Protected Bike Lanes



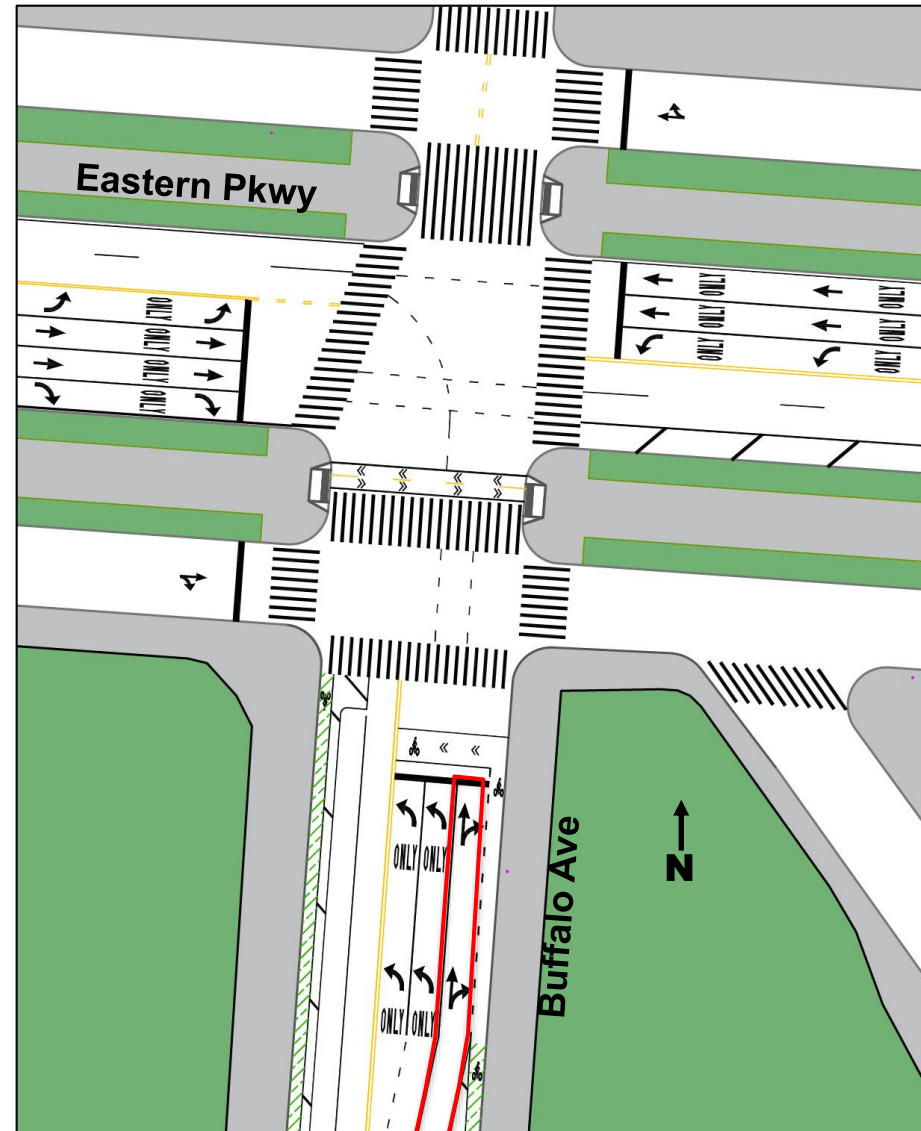
Quick Kurb



Painted Curb Extensions

# PROPOSED: EASTERN PKWY AND BUFFALO AVE

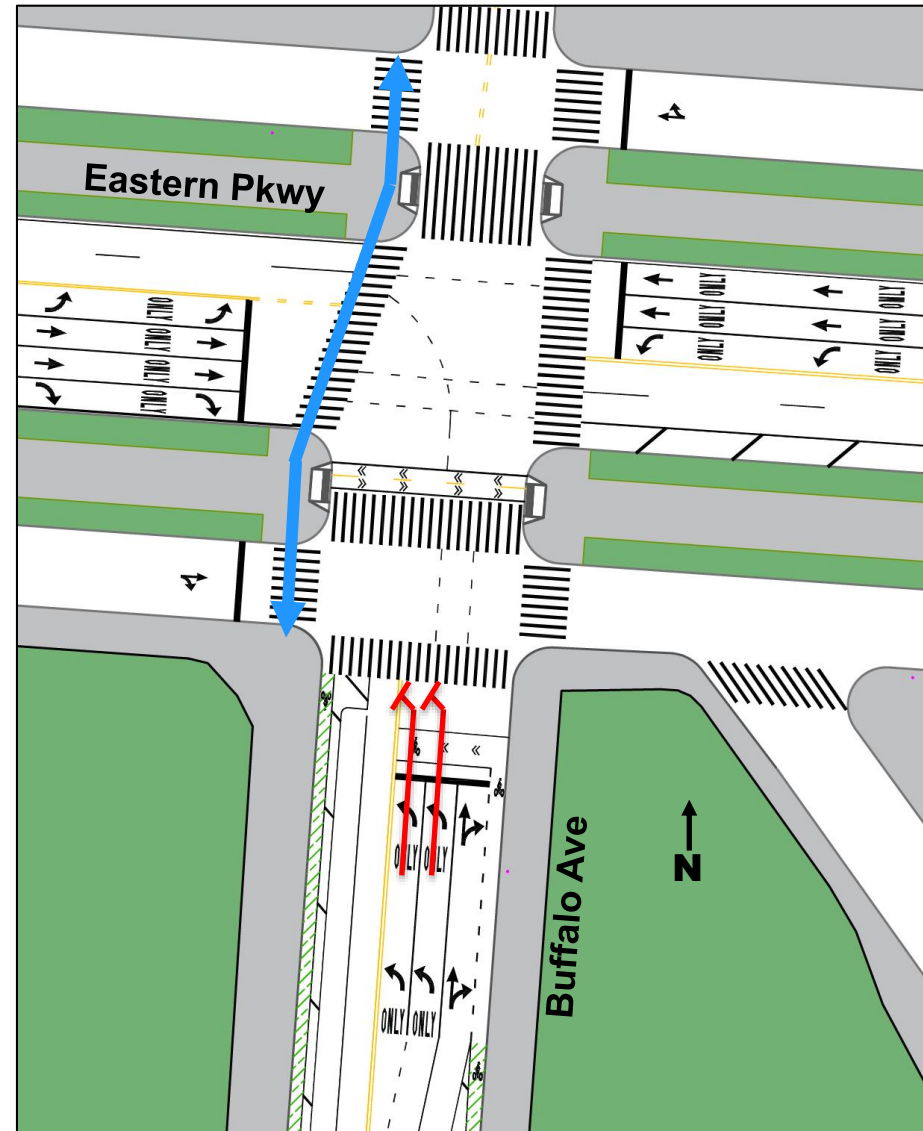
- Move northbound through movement to right-most lane





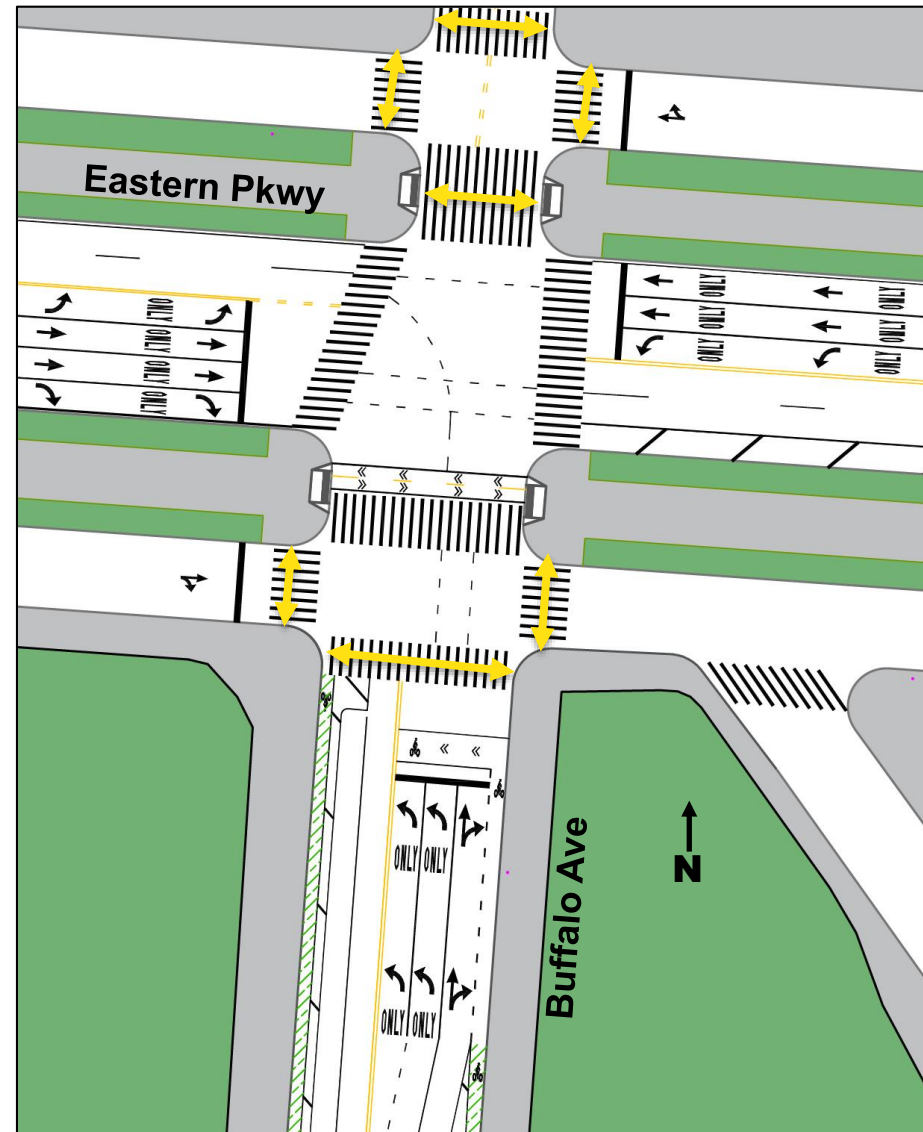
# PROPOSED

- Reconfigure signal phasing to have northbound left turn vehicles move separately from pedestrians



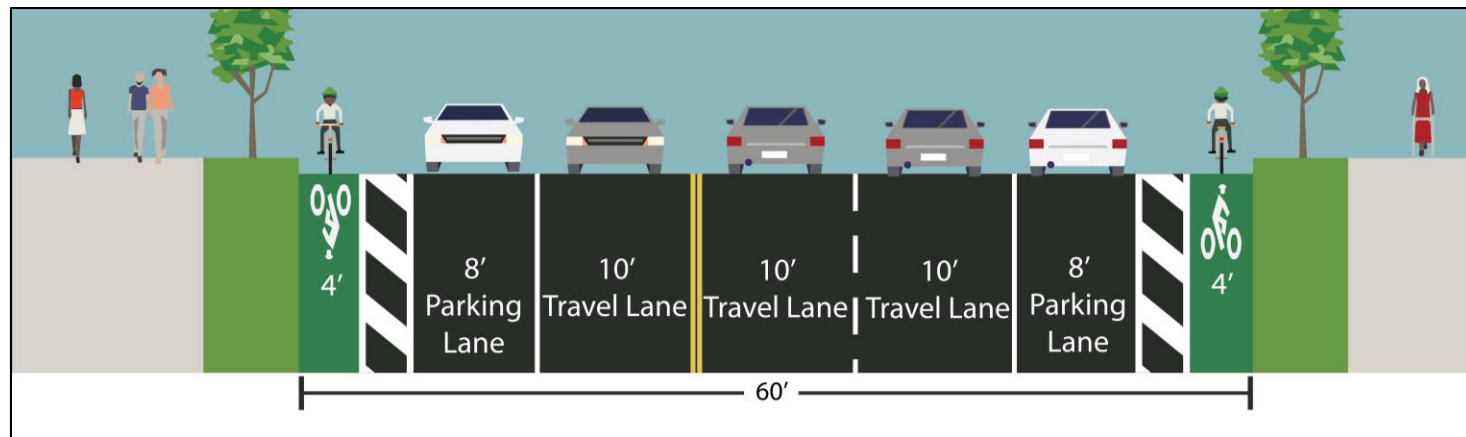
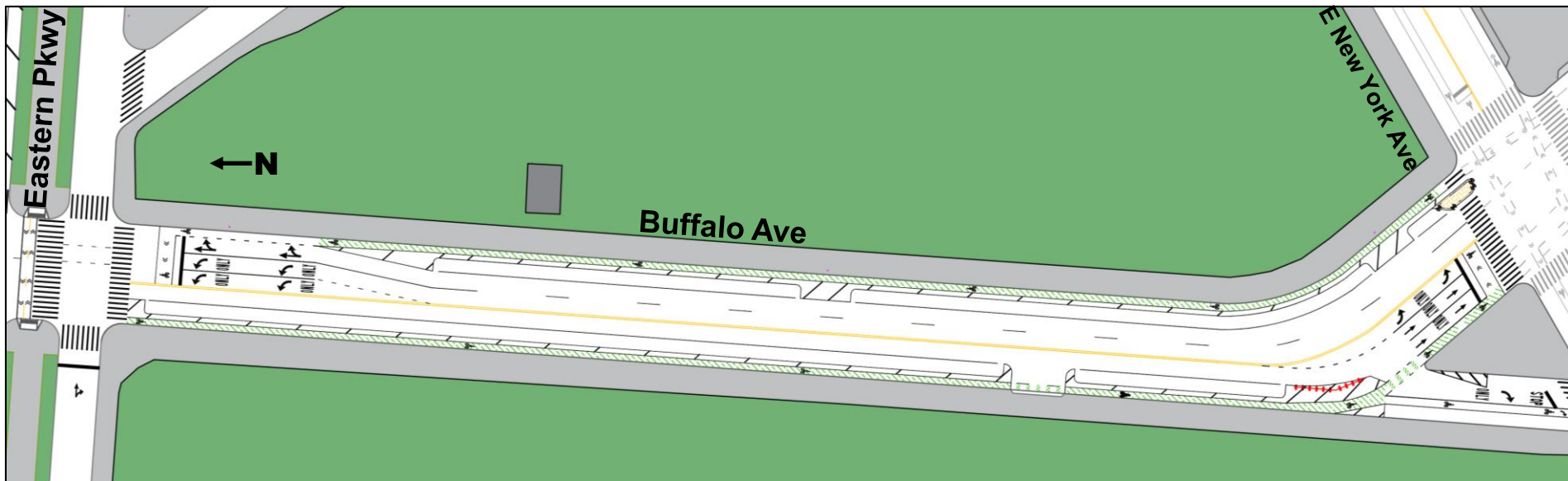
# PROPOSED

- Signalize service roads and all crosswalks with new crosswalk across the north malls



# PROPOSED: BUFFALO AVE

- Upgrade conventional bike lanes from Eastern Pkwy to E New York Ave to parking protected bike lanes



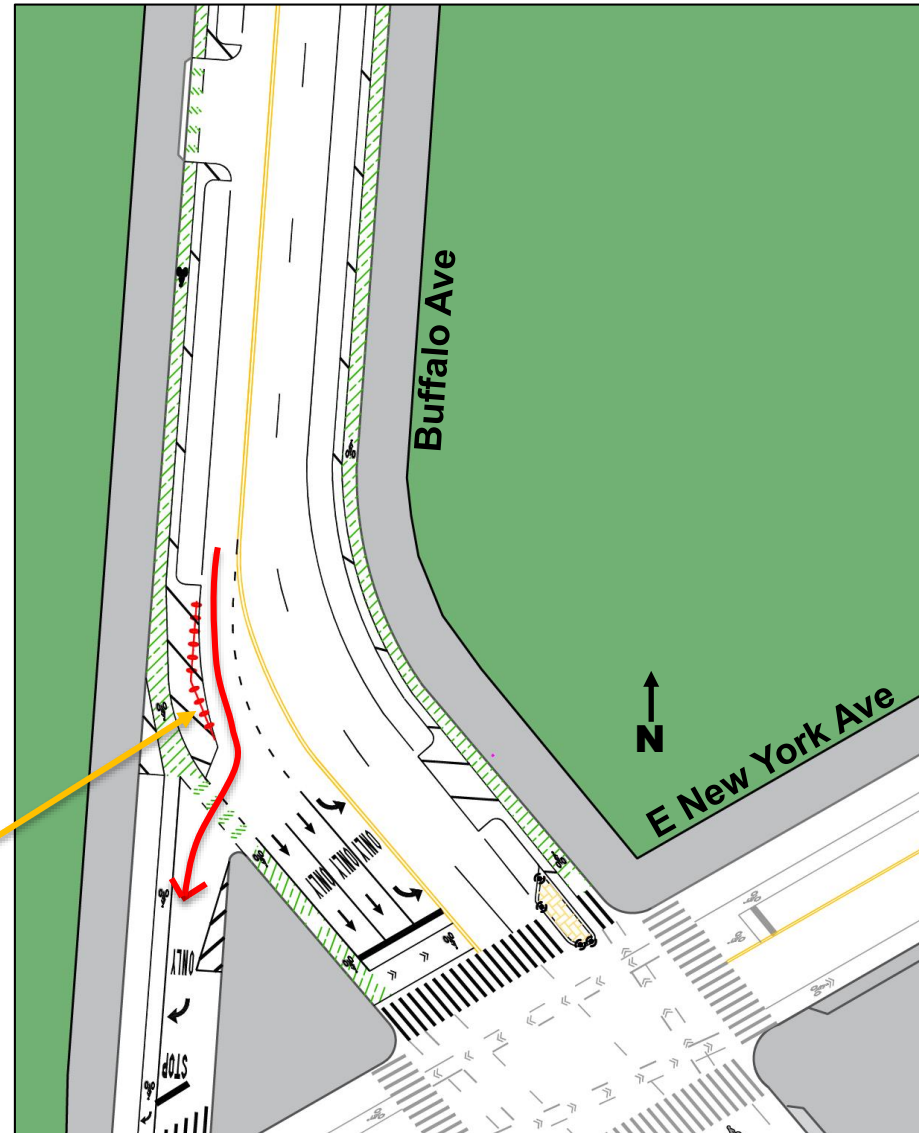


# PROPOSED

- Install Qwick Kurb vertical barriers to slow southbound right turn vehicles and improve yielding to bicyclists
- Install painted pedestrian island to shorten crosswalk



Qwick  
Kurb



# SUMMARY

- Remove double left turn conflict with pedestrians
- Reconfigure lane markings to be more efficient
- Signalize service roads and all crosswalks
- Add crosswalk between north malls
- Upgrade conventional bike lanes to parking protected lanes
- Increase yielding to bicyclists at southbound turning approach
- Installed painted pedestrian island



# BENEFITS

- Reduced vehicle conflicts with pedestrians and bicyclists
- Completes the pedestrian network
- Shorter and safer pedestrian crossings
- Safer bicycle routes
- Clarified traffic movements





# THANK YOU!



Questions?



NYC DOT



NYC DOT



nyc\_dot



NYC DOT