



# RIVERSIDE DRIVE AND HENRY HUDSON PARKWAY RAMPS

To Community Board 12 Traffic & Transportation Committee

April 6, 2020



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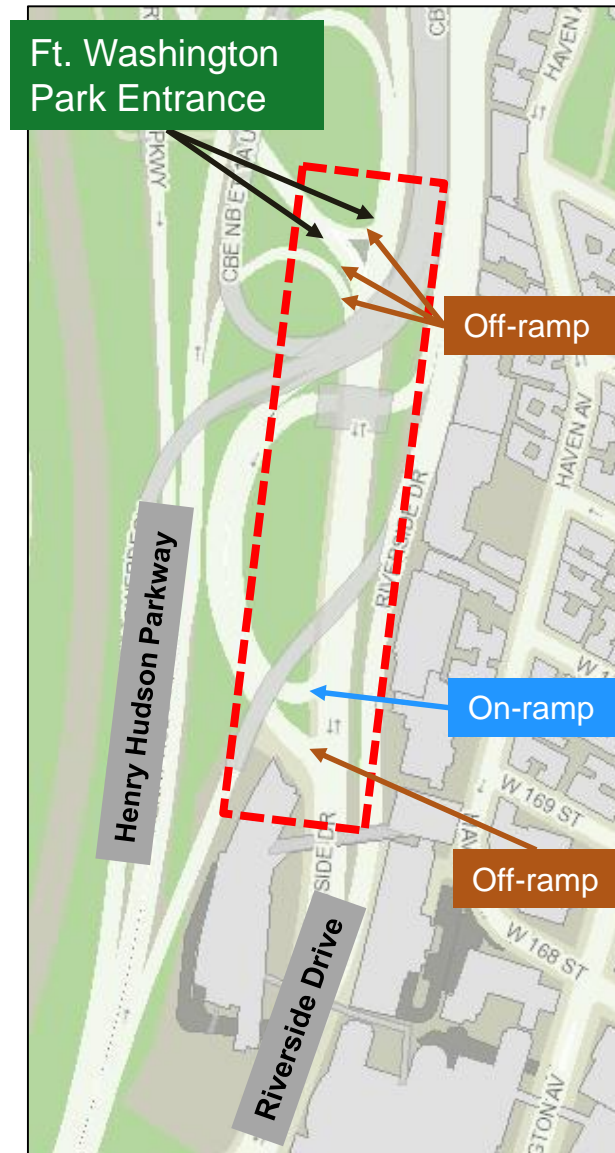
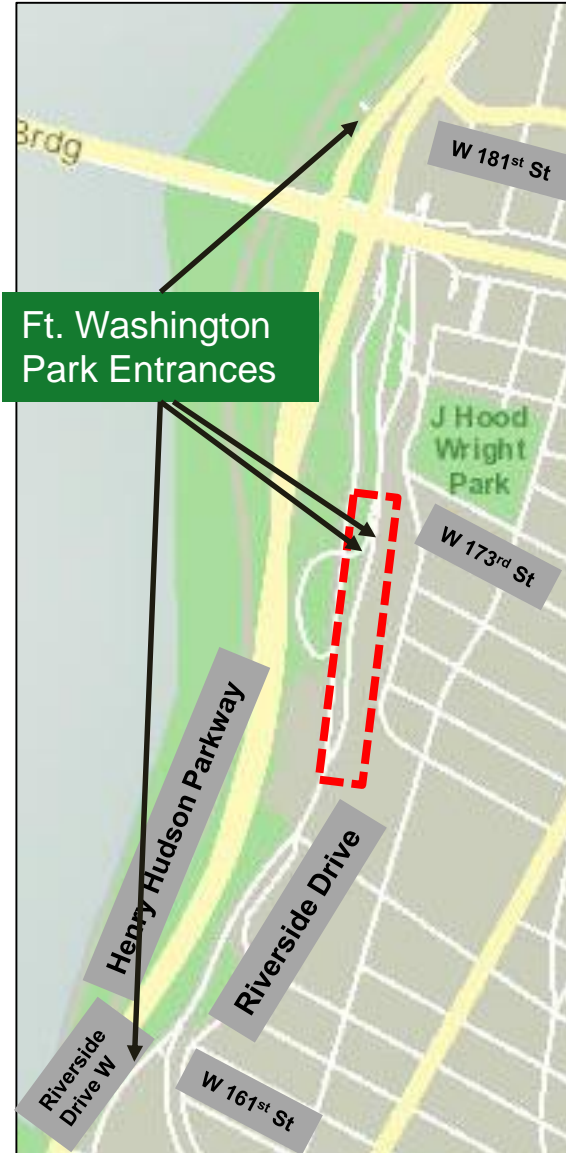
# Background

# 1



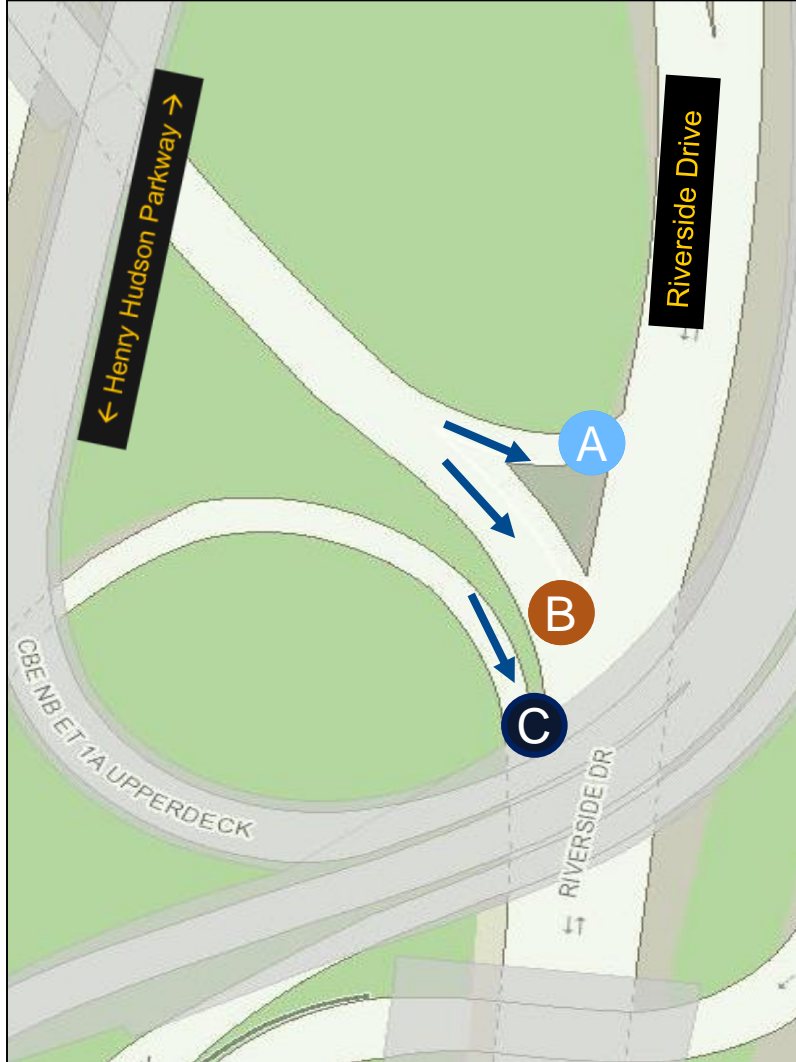
# BACKGROUND

- Request by Department of Parks and Recreation to improve neighborhood access to Fort Washington Park
- Near New York-Presbyterian Hospital / Columbia University
- Henry Hudson Parkway has an on-ramp and several off-ramps at this section of Riverside Drive
- There are very few entrances to Fort Washington Park from Riverside Drive



# BACKGROUND

5 Locations along Riverside Drive.  
At the equivalent of W172nd St:



Location A



Location B



Location C





# BACKGROUND

5 Locations along Riverside Drive.  
At the equivalent of W169th St:



Location D



Location E



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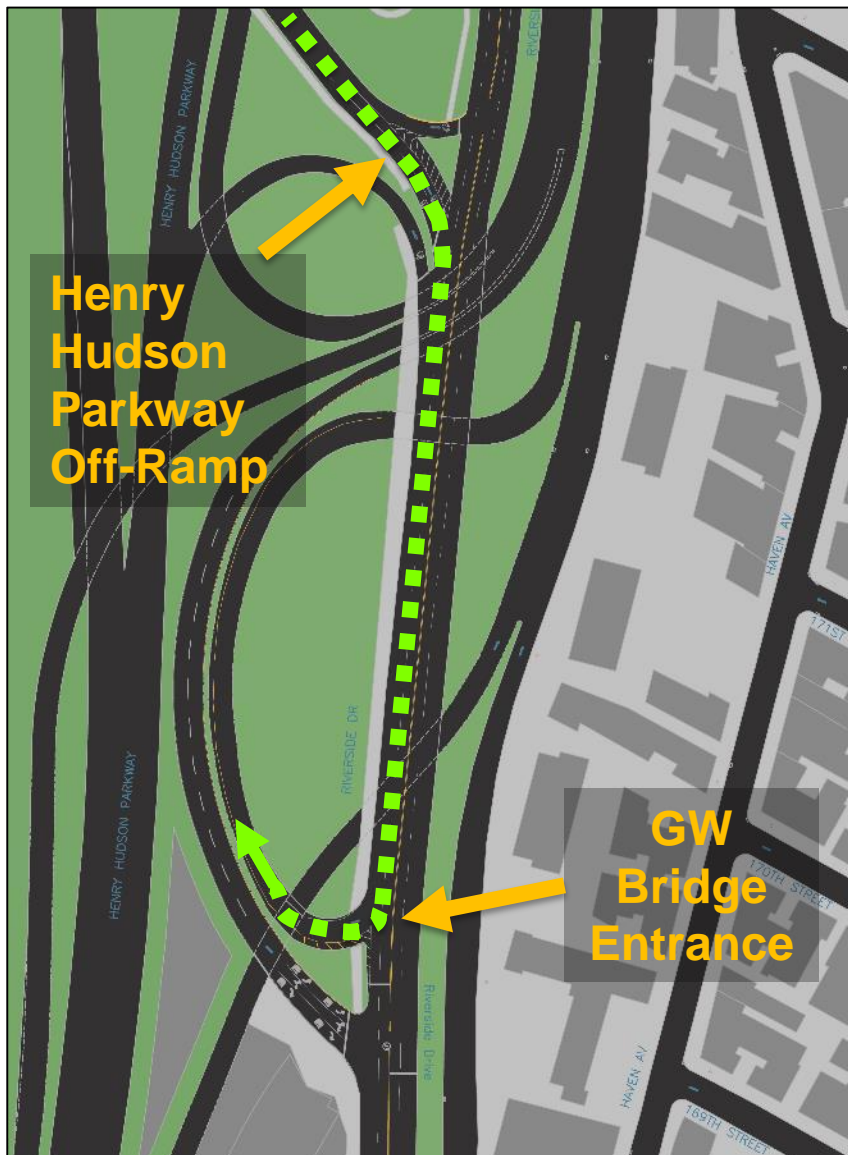
## Existing Conditions

# 2

# DRIVER BEHAVIOR ON RIVERSIDE DRIVE

Motorists heading southbound on Henry Hudson Parkway routing to the George Washington Bridge are required to drive on Riverside Drive, a neighborhood street.

As a result, there are highway-like traffic conditions and behaviors on Riverside Drive.





# PEDESTRIAN ROUTE TO/FROM FORT WASHINGTON PARK

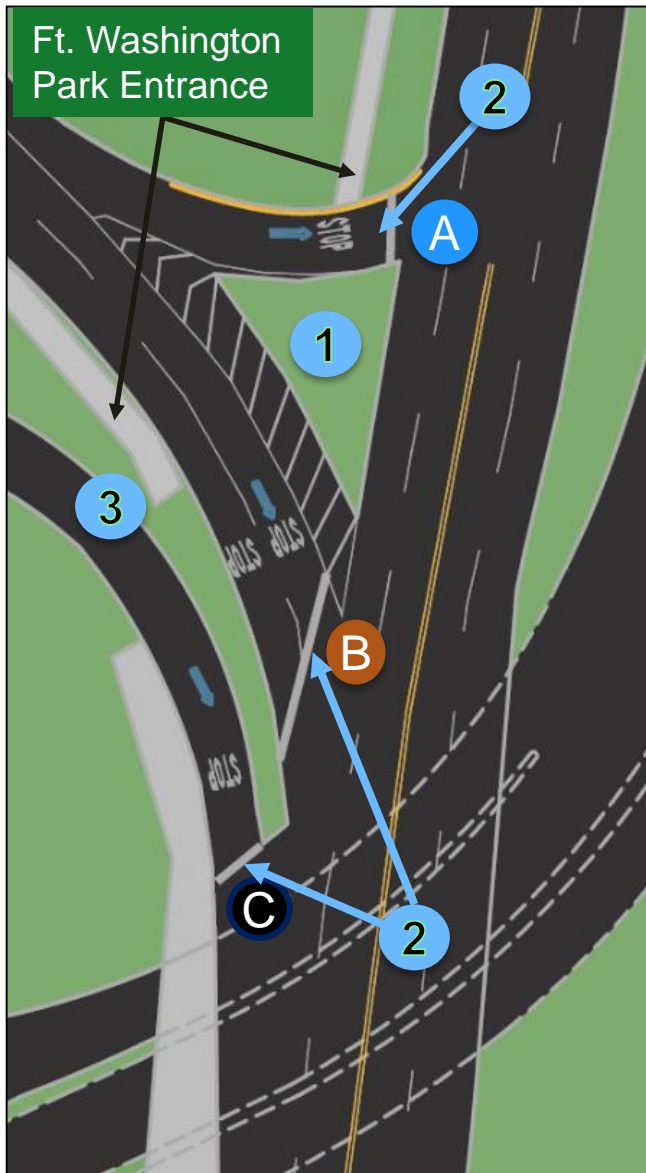


The path to/from Fort Washington Park at Riverside Dr is interrupted by crossings without crosswalks, paths without sidewalk, and sidewalks without pedestrian ramps.





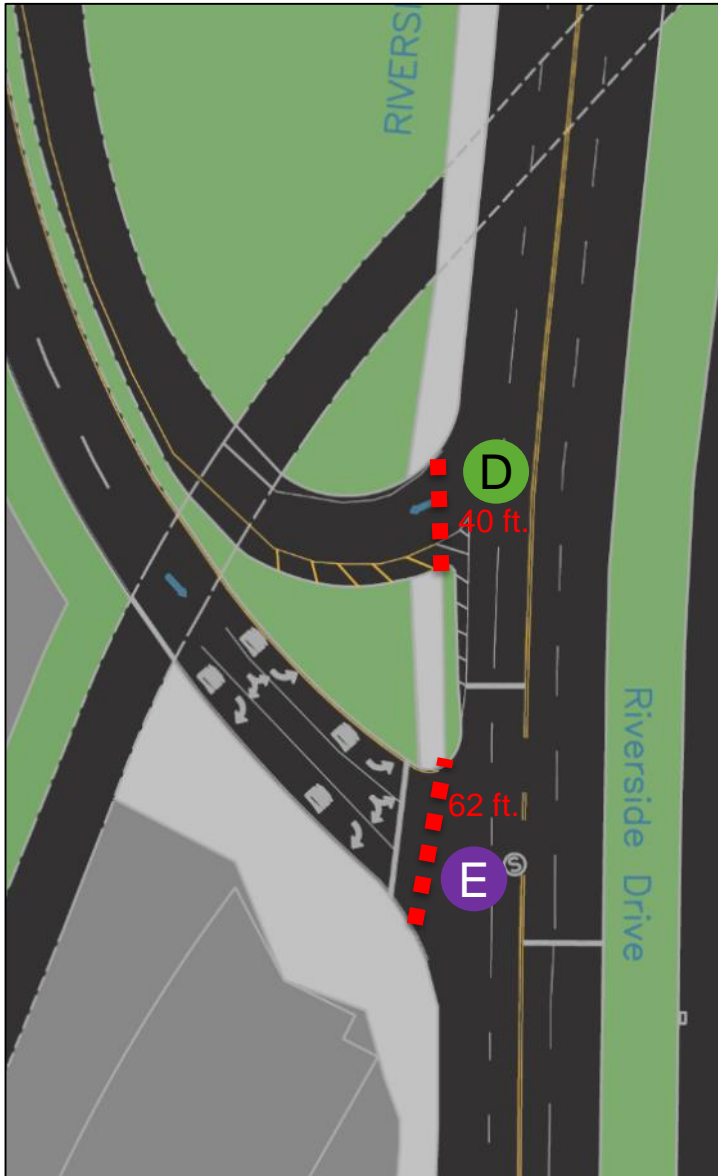
# LOCATIONS A, B, AND C



- 1 No sidewalk on traffic splitter island that would lead pedestrians towards Park
- 2 No crosswalks or pedestrian ramps at all locations
- 3 No pedestrian facility from Park entrance/exit



# LOCATIONS D AND E



- 1 No crosswalks or pedestrian ramps at both locations
- 2 Long crossing distances
- 3 Soft turns result in higher speed and more aggressive driver behavior





# TOOLKIT



Crosswalks



Sidewalks and Pedestrian Ramps



Concrete Curb Extensions



Painted Pedestrian Space with Flexible Delineators

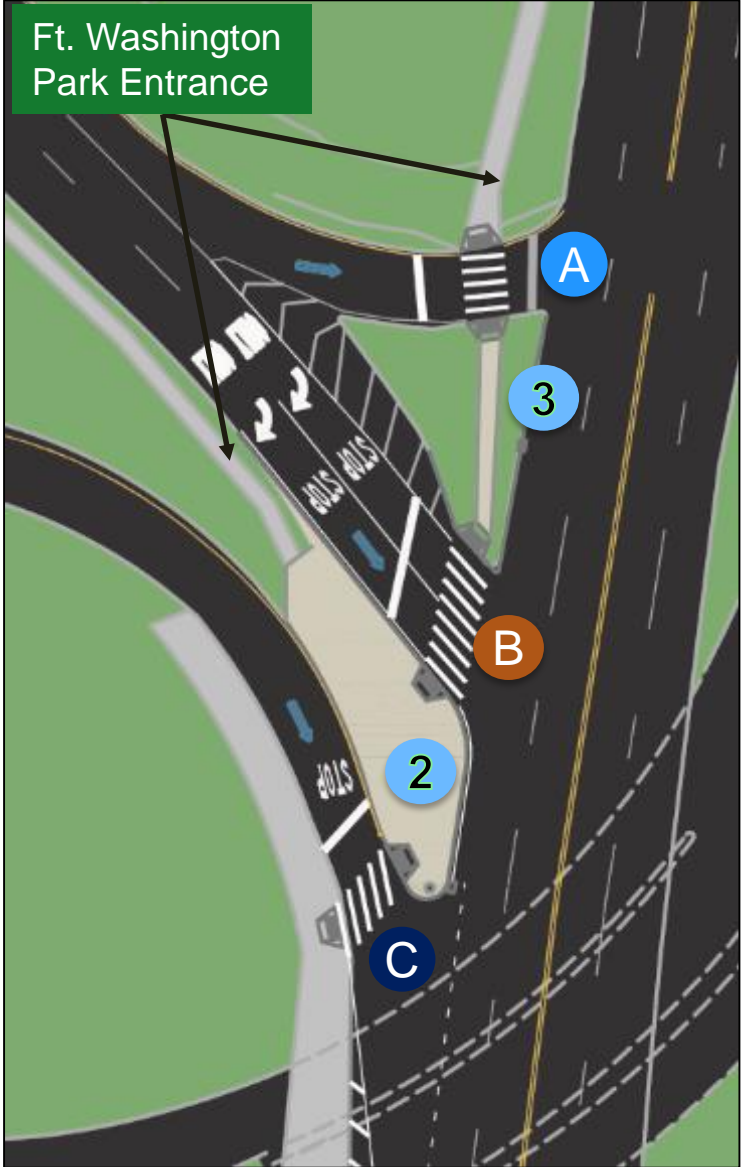
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## Proposed Conditions

# 3



# LOCATIONS A, B, AND C



- 1 Install crosswalks and ADA-compliant pedestrian ramps at Locations A, B, and C
- 2 Construct sidewalk between Locations A and B
- 3 Install concrete sidewalk extension with pedestrian ramps between Locations B and C





# RENDERING: EXISTING OF LOCATIONS C AND B



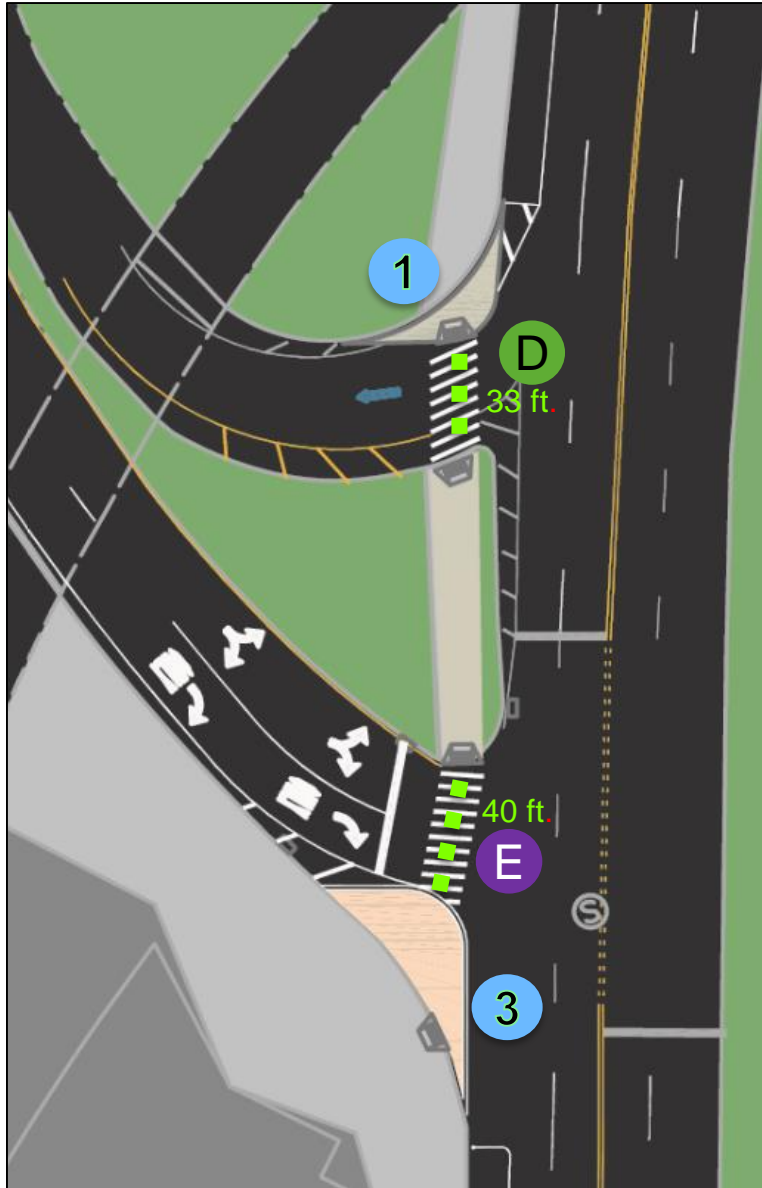


# RENDERING: PROPOSED OF LOCATIONS C AND B





# LOCATIONS D AND E



- 1 Install concrete sidewalk extension at Location D
- 2 Install crosswalks and ADA-compliant pedestrian ramps
- 3 Remove left turn lane and add painted curb extension at Location E



Example of painted curb extension at Cathedral Parkway, Morningside Heights, Manhattan (2015)

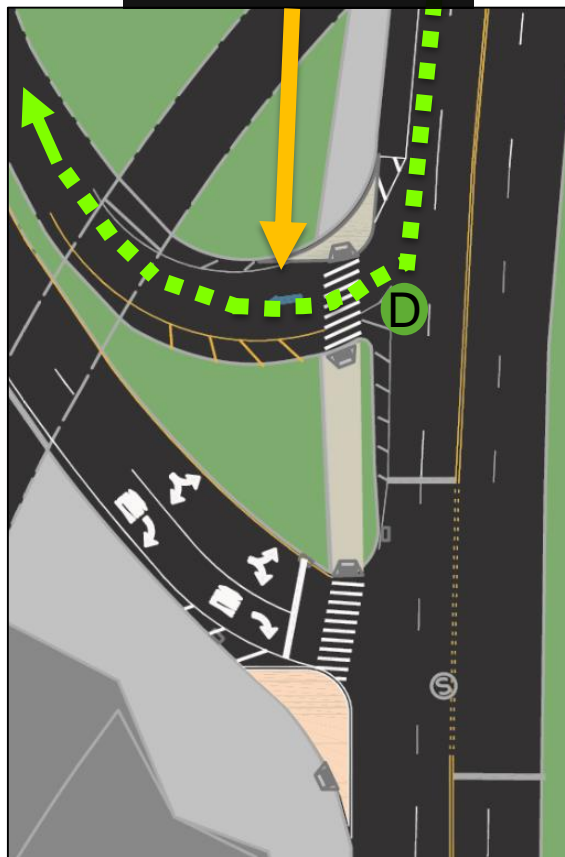


# DRIVER BEHAVIOR ON RIVERSIDE DRIVE

## Henry Hudson Parkway Off-Ramp



## GW Bridge Entrance



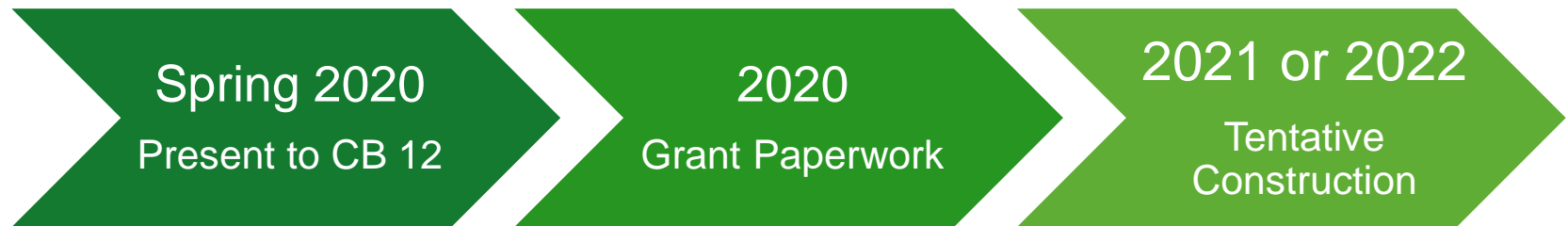
Southbound motorists on Henry Hudson Parkway will have a sharper turn onto Riverside Drive.

Drivers turning from Riverside Drive to the I-95 and George Washington Bridge will have a sharper turn.

This will calm traffic and increase safety for pedestrians crossing.

# SCHEDULE

*Please note that the timeline for this project is subject to change due to the COVID-19 pandemic.*





# SUMMARY

- 1) Add crosswalks and pedestrian ramps at all locations
- 2) Build new sidewalk on traffic splitter island between Locations A and B
- 3) Install concrete sidewalk extension between Locations B and C
- 4) Install concrete sidewalk extension at Location D
- 5) Add painted curb extension at Location E



Location B

# BENEFITS

- New / improved pedestrian facilities
- Provides neighborhood access to Ft. Washington Park
- Traffic calming
- Safer, shorter pedestrian crossings



Location E



# THANK YOU!

## Questions?



NYC DOT



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