Project Area

- Broadway from 242\textsuperscript{nd} St. to Westchester County
- Project length: 1.5 miles
- Interchange with the Henry Hudson Parkway
- Routes for both New York City and Westchester bus services
Existing Conditions

- Two-way four-lane street bordering Van Cortlandt Park
- 68’ street with wide travel lanes and minimal markings
- 82% of motorists above the speed limit between Manhattan College Parkway and W. 251st Street*

* Source: DOT Radar study conducted on Broadway between Manhattan College Parkway and W. 251st Street on July 10, 2010.
Proposed Design

Broadway between Manhattan College Parkway and Caryl Avenue
(excluding the area directly around Henry Hudson Parkway interchange)

**EXISTING**

- West Sidewalk
  - Parking/Moving Lane: 22’
  - Moving Lane: 12’
  - Moving Lane: 12’
  - Parking/Moving Lane: 22’

  Total: 68’

**PROPOSED**

- West Sidewalk
  - Parking Lane: 13’
  - Moving Lane: 10’
  - Moving Lane: 11’
  - Moving Lane: 11’
  - Moving Lane: 10’
  - Parking Lane: 13’

  Total: 68’
Proposed Design

Broadway between Henry Hudson Parkway NB Exit and W 254th Street

**EXISTING**

- West Sidewalk
  - Parking/Moving Lane: 22’
  - Moving Lane: 14’
  - Turning Lane: 10’
  - Moving Lane: 11’
  - Moving Lane: 11’
- East Sidewalk

**PROPOSED**

- West Sidewalk
  - Parking Lane: 13’
  - Moving Lane: 10’
  - Moving Lane: 11’
  - Turning Lane: 10’
  - Moving Lane: 11’
  - Moving Lane: 13’
- East Sidewalk

Total Width: 68’
Proposed Design

Broadway (Between 242nd Street and Manhattan College Parkway)

**EXISTING**

- West Sidewalk: 11’ Parking Lane, 2’ Column, 20’ Moving Lane, 5’ Column, 12’ Moving Lane, 11’ Moving Lane, 11’ Moving Lane
- Concrete Median
- East Sidewalk: 12’ Moving Lane, 22’ Moving/Parking Lane

**PROPOSED**

- West Sidewalk: 11’ Parking Lane, 2’ Column, 11’ Moving Lane, 3’ Column, 5’ Moving Lane, 12’ Moving Lane, 11’ Moving Lane, 11’ Moving Lane
- Concrete Median
- East Sidewalk: 10’ Moving Lane, 11’ Moving Lane, 13’ Parking Lane
Proposed Design: Similar Design

Van Cortlandt Park East
Project Summary

- Reduce the Width of Travel Lanes in Both Directions
- Channelize Vehicle Traffic & Decrease Vehicle Speeds
- Increase Safety for All Roadway Users
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Thank You