Bicycle & Pedestrian connections to the High Bridge

New York City Department of Transportation
Presented on March 24, 2015 to MN CB 12
Proposed Route & Improvements

High Bridge Access

Traffic calming on Edgecombe Ave & gateway at W 165 St

Greenway Connections

Bicycle connections to and from High Bridge

Pedestrian Safety

Vision Zero initiative, intersection improvements
High Bridge Access
Edgecombe Ave - proposed

One way - Jumel Pl - W 167th St

Existing

West Sidewalk

42’
Combined Travel & Parking Lane

Proposed

West Sidewalk

8’ Parking Lane

13’ Travel Lane

8’ Parking Lane

4’ Buffer

Connects to protected bicycle lane across W 170 St
High Bridge Access
Edgecombe Ave - proposed

Proposed precedent: Prospect Park West, Brooklyn

Parking provides protection for bike lanes

Bike lanes adjacent to park sidewalk
High Bridge Access
Edgecombe Ave - proposed

Two way - W 170 St - Jumel Pl & W 167 St - W 165 St

Existing

- West Sidewalk
- 21’ Combined Travel & Parking Lane
- 21’ Combined Travel & Parking Lane
- East Sidewalk

Proposed

- West Sidewalk
- 8’ Parking Lane
- 11’ Travel Lane
- 11’ Travel Lane
- East Sidewalk

3 blocks with 2-way traffic are too narrow
Parking is retained where feasible
Proposed precedent: Vernon Blvd, Queens
High Bridge Access
Edgecombe Ave - proposed

Two way - W 165 St - W 155 St

Existing
- West Sidewalk
- 21’ Combined Travel & Parking Lane
- 21’ Combined Travel & Parking Lane
- East Sidewalk

Proposed
- West Sidewalk
- 8’ Parking Lane
- 13’ Shared Lane
- 13’ Shared Lane
- 8’ Parking Lane
- East Sidewalk

Narrower lanes discourage speeding
Shared bicycle markings provide wayfinding for cyclists
Greenway Connections
W 158 St & W 159 St - proposed

One way - Edgecombe Ave to Broadway

Existing

30’
Travel and Parking Lane

30’

Proposed

8’ Parking Lane
14’ Shared Lane
8’ Parking Lane

30’
Greenway Connections
W 158 St & W 159 St - proposed

Proposed precedent:
Hoyt Street, Brooklyn
Pedestrian Improvements
W 158 St & Broadway and W 159 St & Broadway - proposed

Increased pedestrian space
Shortened crossings
Pedestrian Improvements
W 158 St, Riverside Dr & Edward Morgan Pl - existing

Heavy traffic because of Henry Hudson Parkway access

Complicated 6 point intersection

Long, indirect crosswalks
Pedestrian Improvements
W 158 St, Riverside Dr & Edward Morgan Pl - proposed

Increased pedestrian space

* New pedestrian areas will be built in concrete where feasible

Left turn lane relieves pressure on heaviest movement

Restricted turns simplify intersection
High Bridge Access  
Parking adjustments - proposed

Approximate loss of 12 spaces across 30 blocks

Spaces lost near park entrance replaced as near as possible

Allowing for continuous protected bicycle path across neighborhood on 170th St directly to the High Bridge entrance at 165th St and Edgecombe Ave

Parking adjustments allow for
• Visibility at crosswalks
• Increased access at Highbridge Park entrance
Project Benefits

*Increased visibility* and *access* to High Bridge & Highbridge Park

*Reduces speeding, calms traffic* on Edgecombe Ave

*Additional crosswalks* on Edgecombe Ave

*Safer, shorter* existing pedestrian *crossings* on
  * Broadway at W 158 St & Broadway at W 159 St*
  * W 158 St at Riverside Dr & Edward Morgan Pl*
www.nyc.gov/dot
Thank You
Recently Created Parking Spots
CB12