Bronx River Greenway Southern Connections
Pedestrian/Bicycle Access to Concrete Plant & Starlight Parks

Commissioner Janette Sadik-Khan, New York City Department of Transportation
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Bronx River Greenway
Transportation Corridor

- 10 mile route from Westchester border to Hunts Point/Soundview
- Key north-south bicycle corridor
- Connections to Mosholu, Pelham, and South Bronx Greenways
- 6 out of 8 miles of off-street path completed on parkland
Bronx River Greenway
Transportation Issues

- New parks are a community asset, but difficult to access
- Greenway paths improve mobility, but lack connectivity
- Need to maintain traffic flow in congested areas
New Parkland/Paths in South Bronx

- Hunts Point Riverside Park (2007)
- Concrete Plant Park (2009)
- Starlight Park (2013)
Concrete Plant Park to Starlight Park Connection
1  Crossing at Edgewater Rd
2  Edgewater Rd to Starlight Park

Greenway Access from the West
3  Whitlock Ave Intersection
4  Connection to Bicycle Routes

Greenway Access from the East
5  Bicycle Connection Across Bridge
6  Bronx River Ave Intersection
Concrete Plant Park to Starlight Park Connection

1 - Edgewater Rd Intersection: Existing Conditions

- Northern entrance to Concrete Plant Park
- Edgewater Rd leads to Starlight Park
Concrete Plant Park to Starlight Park Connection

1 - Edgewater Rd Intersection: Existing Conditions

- No crossing at desire line to park entrance
- Heavy volumes from Sheridan in PM
New signal for bicycle and pedestrian crossing

Two-way bicycle connection to Edgewater Rd
Concrete Plant Park to Starlight Park Connection

2 - Edgewater Rd: Proposed Improvements

Edgewater Rd North of Westchester Ave
Facing North
Greenway Access from the West

3 - Whitlock Ave Intersection: Existing Conditions

- Route to greenway from neighborhoods to the west
- High volume commercial strip and truck route intersects Sheridan Expressway exit
- 6 Train Subway Station (high pedestrian volumes)
Greenway Access from the West
3 - Whitlock Ave Intersection: Existing Conditions

- Vehicles exit Sheridan onto unmarked roadway
- Columns separate traffic, impair visibility
- Long pedestrian crossings
Greenway Access from the West

3 - Whitlock Ave Intersection: Proposed Improvements

- Curb extensions narrow roadway and shorten crossings
- Lane assignments organize traffic
- Pedestrian island organizes traffic, shortens crossing
Greenway Access from the West

4 - Westchester Ave: Existing Conditions

Westchester Ave at Bryant Ave
Facing East
Greenway Access from the West
4 - Westchester Ave: Proposed Improvements

Westchester Ave at Bryant Ave
Facing East
Greenway Access from the East

5 - Westchester Ave: Existing Conditions

Westchester Ave at Bronx River Ave
Facing West
Greenway Access from the East
5 - Westchester Ave: Existing Conditions

Westchester Ave at Bronx River Ave Facing West

- 14’ Shared Lane
- 5’ Stanchion
- 11’ Moving Lane
- 11’ Moving Lane
- 5’ Stanchion
- 14’ Shared Lane

60’
Greenway Access from the East
6 - Bronx River Ave Intersection – Existing Conditions

- Route to greenway from neighborhoods to the east
- 5-Leg intersection

Westchester Ave at Bronx River Ave
Facing West
Greenway Access from the East
6 - Bronx River Ave Intersection – Existing Conditions

Long pedestrian crossing

Vehicles on Close Ave merge at intersection
East of Greenway – Proposed Improvements

6 – Close end of Close Ave to Simplify Intersection at Bronx River Ave

- Concrete removal facilitates truck movements
- Establish pedestrian space and shorter crossing
- Create normalized intersection

Greenway Access from the East
6 - Bronx River Ave Intersection – Proposed Improvements
Westchester Ave
Summary of Proposed Improvements

Bicycle connection on Edgewater Rd to Starlight Park

Pedestrian enhancements and vehicle channelization at Whitlock Ave

Bicycle connection across bridge

Bicycle connection from west

Simplified intersection at Bronx River Ave
Bruckner Blvd
Overview

Concrete Plant Park to Hunts Point Connection

A  Crossing at Whitlock Ave
B  Bike Connection from Bryant Ave to Longfellow Ave
C  Connection to park on Sidewalk
Bruckner Blvd – Issues

1 - Pedestrians and Cyclists Must Cross Whitlock Ave to Access Concrete Plan Park

Concrete Plant Park to Hunts Point Connection - Bruckner Blvd

A - Whitlock Ave Intersection: Existing Conditions

• Pedestrians and cyclists must cross Whitlock Ave to Access Concrete Plan Park
No curbside parking creates wide roadway

No crosswalk or curb cuts to opposite sidewalk

No way-finding to park
Bruckner Blvd – Proposed Solutions

1. Install Stop Control and Pedestrian/Bicycle Crossing at Whitlock Ave

2. Add parking to improve alignment

3. Formalize channelization to indicate crossing

Concrete Plant Park to Hunts Point Connection - Bruckner Blvd

A - Whitlock Ave Intersection: Proposed Improvements

- Install new traffic control for bicycle and pedestrian crossing
- Add parking to improve alignment
- Formalize channelization to indicate crossing
- Bryant Ave pedestrian bridge connects to Hunts Point
- Improvements on Hunts Point side
No connection from Bryant Ave bicycle lane or ped bridge to park or Longfellow Ave bicycle lane

*40% of cyclists travel against traffic on Bruckner Blvd

Very wide lanes encourage speeding
Establish shared use sidewalk to pedestrian bridge

Install two-way jersey barrier protected bicycle path

Channelize traffic and facilitate merge onto Bruckner Blvd and service road

Concrete Plant Park to Hunts Point Connection - Bruckner Blvd
B - Bryant Ave to Longfellow Ave: Proposed Improvements
Concrete Plant Park to Hunts Point Connection - Bruckner Blvd
B - Bryant Ave to Longfellow Ave: Proposed Improvements

**EXISTING**

North Sidewalk

- 5’
- Jersey Barrier
- 4’
- 11’
- Moving Lane
- 12’
- Moving Lane
- 12’
- Moving Lane
- 65’

**PROPOSED**

North Sidewalk

- 5’
- 5’
- 4’
- 11’
- Moving Lane
- 12’
- Moving Lane
- 14’
- Moving Lane
- 14’
- Moving Lane
Concrete Plant Park to Hunts Point Connection - Bruckner Blvd
C - Sidewalk to Park Entrance: Existing Conditions

- No legal eastbound bicycle connection to park
- High volumes and speeds for westbound cyclists not conducive to cycling in roadway
Cyclists Yield to Pedestrian Shared Zone Signs

Bike Stamps Designate Shared Used Sidewalk

Concrete Plant Park to Hunts Point Connection - Bruckner Blvd
C - Sidewalk to Park Entrance: Proposed Improvements
Bruckner Blvd
Summary of Proposed Improvements

- New pedestrian and bicycle crossing at Whitlock Ave
- Two-way bicycle path connection to pedestrian bridge
- Shared use sidewalk on Bruckner Blvd
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