SOUTHERN BLVD

Traffic Calming and Protected Bike Lanes

Presented by NYC DOT Bicycle and Greenways Program
To Bronx Community Board 7 on February 7, 2019
Southern Blvd Corridor:
- E Fordham Rd to Bedford Park Blvd
- Bedford Park Blvd to Mosholu Pkwy
- East of Mosholu Pkwy

Intersections:
- Bedford Park Blvd
- Metro North/NYBG Entrance
- Mosholu Pkwy
- Excess width on the northbound side **encourages speeding and reckless driving**
- Large institutions disrupt street grid making this is **key connection** for all users
- **No bike connection** to existing network
Corridor Improvements: E Fordham Rd to Bedford Park Blvd

**Proposed Design**

**EXISTING**

- 21' Combined Travel & Parking Lane
- 11' Travel Lane

**PROPOSED**

- 9' Parking Lane
- 11' Travel Lane
- 10' Travel Lane

**Two-way Delineator Protected Bike Lane**

- **Narrower northbound roadway** discourages speeding, shortens pedestrian crossings
- **Two-way protected bike lane** creates dedicated space for cyclists, discourages wrong-way and sidewalk riding, reduces pedestrian conflicts
Proposed Design Elements

Kent Ave, BK
Proposed Design: Bus Stops

- Improve bus operations by allowing **faster pickup and drop off**, buses do not need to maneuver to/from curve
- Provide **clear indication of bus stop** for cyclists, **ramps reduce cyclists speeds**
Proposed Design Elements: Bus Boarding Islands
Bike Connection to Mosholu-Pelham and Bronx River Greenways

- **a)** Install **eastbound curbside bike lane** from Bedford Park to NYBG entrance
- **b)** Install **westbound bike stamps** on path from Metro North to Bedford Park Blvd
- **c)** Install **bike stamps for both directions** from Metro North to Mosholu Parkway
Proposed Design: Bedford Park Blvd

- Creates safe, direct route for pedestrians
- Extends new bike facility
Intersection Improvements

Proposed Design: Metro North/NYBG Entrance

- Provides direct route for pedestrians at desire line
- Shortens crossing distance
- Extends new bike facility to NYBG entrance
Intersection Improvements

Proposed Design: Mosholu Pkwy

- Connects new bike facility to Mosholu and Bronx River greenways
- Signalizes slip lane and extend vehicular storage
Proposed Corridor Improvements: East of Moshulu Pkwy

Existing Conditions

- Heavy Right Turn; Through vehicles block vehicles turning right
- Existing Right Turn lane (90 ft) has storage for 4 vehicles
Corridor Improvements: E Fordham Rd to Bedford Park Blvd

Proposed Design Elements

- Reconfigure roadway to maintain two lanes for 1000ft
- Longer right turn lane will have storage for 50 vehicles
**Increased Safety:**
- Calms traffic
- Shortens crossings
- Provides dedicated space for cyclists

**Protected bike lanes benefit all street users:**

**Crashes with Injuries**
- Down 15%

**Pedestrian Injuries**
- Down 21%

**Motor Vehicle Occupant Injuries**
- Down 15%

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**Southern Blvd, E Fordham Rd to Mosholu Pkwy**

**Injury Summary, 2012-2016 (5 Years)**

<table>
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<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<tr>
<td><strong>Total</strong></td>
<td><strong>265</strong></td>
<td><strong>8</strong></td>
<td><strong>2</strong></td>
<td><strong>10</strong></td>
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</tbody>
</table>

**Fatalities, 01/01/2012 – 12/31/2018: 2**

*Source: Fatalities: NYCDOT. Injuries: NYSDOT. KSI: Persons Killed or Severely Injured*
Summary

Project Benefits

**Creates New Neighborhood Amenity**
- Access to greenway system for west Bronx
- Provides **comfortable** space for cyclists of varied ages and experience levels
- Encourages **physical activity** – recreational bike rides, walking, jogging
Questions?

THANK YOU!