- Ped/bike bridge is the only access to greenway between 158th St and Dyckman St
- High bicycle and pedestrian use
- Cyclists existing greenway ride against traffic to West 181st St
- Motorists travel against traffic to avoid getting on parkway
- No curb ramps at pedestrian bridge
- Signal actuation does not function consistently
- CB 12 resolution asked DOT to address this issue
Usership Data

12-HOUR WEEKEND COUNTS
MAY 21, 2011
7AM - 7PM

Number of People Using Pedestrian/Bicycle Bridge

<table>
<thead>
<tr>
<th></th>
<th>Number of People Using Pedestrian/Bicycle Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycles</td>
<td>1189</td>
</tr>
<tr>
<td>Pedestrians</td>
<td>1078</td>
</tr>
</tbody>
</table>

Cyclists On Riverside Drive between 181st St and Bridge

- On Sidewalk: 3%
- Against Traffic: 50%
- With Traffic: 47%

Source: ATI Data
Access point to Hudson River Greenway at 181st St.
Existing Conditions – Riverside Dr
Proposed Improvements

- Conversion from one-way to two-way street
- Removal of 11 parking spaces on west side of street
- Installation of shared lane markings and signs for cyclists on Riverside Drive and West 181st Street to connect to Fort Washington Avenue bicycle lanes
- Installation of curb cuts on at crosswalk to bridge
- Installation of new signal controller to standardize and reduce the time to activate walk signal
Proposed Configuration - Riverside Drive

**EXISTING**

- Combined Parking/Moving Lane
- 30'

**PROPOSED**

- Combined Parking/Moving Lane
- 30'
- West Curb
- East Sidewalk
- 11'
- 11'
- 8'
- Shared Lane
- Shared Lane
- Parking Lane
- East Sidewalk
Example of Shared Lane Markings

Example of Shared Lane Markings - Vanderbilt Ave, Brooklyn
Project Summary

- New design will improve safety for all roadway users
- Two-way street will accommodate motorists and cyclists heading southbound
- Shared lane markings and signs will establish designated bike route and improve safety for cyclists
- New curb cuts will better accommodate bicycles, wheelchairs, and strollers
- Signal adjustment will improve safety for pedestrians