Prospect Park West
Bicycle Path and Traffic Calming Update

Preliminary
Before & After Results

December 3, 2010

NYC Department of Transportation
Office of Bicycle and Pedestrian Programs
Weekday Bicycle Count Results - Before & After

- Weekday cycling has nearly **TRIPLED**
- Percentage of cyclists riding on the sidewalk fell to **3%** from 46%

*32% of these cyclists were children 12 years and younger and legally allowed to ride on the sidewalk

Notes:
- 190% increase based on average of after counts compared to before count
- Data from a single weekday count (06/09/09; 08/17/10; 09/15/10; 10/12/10 and 11/09/10)
Weekend Bicycle Count Results- Before & After

• Weekend cycling has **DOUBLED**

• Percentage of cyclists riding on the sidewalk **fell to 4%*** from 20%

* 43% of these cyclists were children 12 years and younger and legally allowed to ride on the sidewalk

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**Prospect Park West**
**Between 4th and 5th Streets**
**Cyclist Volumes – 12 Hour: 7am-7pm, Weekends**

**Notes:**
• 125% increase based on average of after counts compared to before count
• Data from a single weekday count (06/27/09; 08/21/10; 09/18/10; 10/09/10 and 11/13/10)
Traffic Speed – Before & After

• **BEFORE:** 3 of every 4 vehicles broke speed limit
• **AFTER:** Only 1 in 6 vehicles exceed speed limit

<table>
<thead>
<tr>
<th>Prospect Park West Between 5th and 6th Streets</th>
<th>Percent of Vehicles Over 30 MPH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time Period</strong></td>
<td><strong>BEFORE</strong></td>
</tr>
<tr>
<td></td>
<td>March 2009</td>
</tr>
<tr>
<td>AM Peak</td>
<td>76%</td>
</tr>
<tr>
<td>PM Peak</td>
<td>73%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prospect Park West Between 5th and 6th Streets</th>
<th>Average Speed (mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time Period</strong></td>
<td><strong>BEFORE</strong></td>
</tr>
<tr>
<td></td>
<td>March 2009</td>
</tr>
<tr>
<td>AM Peak</td>
<td>34.1 mph</td>
</tr>
<tr>
<td>PM Peak</td>
<td>32.8 mph</td>
</tr>
</tbody>
</table>

Source: NYCDOT Radar Study
Traffic Volumes- Before & After

### Prospect Park West Weekday Peak Hour Vehicle Volume Summary

<table>
<thead>
<tr>
<th></th>
<th>Pre-Implementation Average Volume*</th>
<th>Post-Implementation Volume**</th>
<th>Change in Volume</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carroll Street AM Peak Hour (8-9AM)</td>
<td>1,064</td>
<td>1,108</td>
<td>45</td>
<td>4%</td>
</tr>
<tr>
<td>Carroll Street PM Peak Hour (4-5PM)</td>
<td>1,001</td>
<td>964</td>
<td>-37</td>
<td>-4%</td>
</tr>
<tr>
<td>11th Street AM Peak Hour (8-9AM)</td>
<td>835</td>
<td>837</td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>11th Street PM Peak Hour (4-5PM)</td>
<td>1,050</td>
<td>1,003</td>
<td>-47</td>
<td>-4%</td>
</tr>
</tbody>
</table>

*Counts conducted April 2009 and May 2010
**Counts conducted October 2010

- PPW peak traffic volumes remain stable after implementation
Prospect Park West Combined Vehicle and Bicycle Counts

AM & PM Rush

<table>
<thead>
<tr>
<th></th>
<th>Before</th>
<th>After</th>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycle Counts</td>
<td>67***</td>
<td>204***</td>
<td>130***</td>
<td>372***</td>
</tr>
<tr>
<td>Motor Vehicle Counts</td>
<td>2,720*</td>
<td>2,895**</td>
<td>2,835*</td>
<td>2,758**</td>
</tr>
<tr>
<td>Total</td>
<td>2,787</td>
<td>3,099</td>
<td>2,965</td>
<td>3,130</td>
</tr>
</tbody>
</table>

*Average of counts conducted April 21-23, 2009 and May 11-20, 2010 at Carroll St
**Counts conducted October 19-28, 2010 at Carroll St
***Bicycle counts conducted 06/10/09 and 10/12/10 at 4th St

Prospect Park West Commuter Volume has INCREASED

- Prospect Park West handles 11% & 6% more commuters during the AM & PM rushes, respectively, after street reconfiguration
Travel Times - Before & After
(12-Hour Average)

Park Slope North-South Corridor Travel Times
15th Street - Union Street, Weekday Average, 7am-7pm

Prospect Park West
Southbound

Before: 02:54
After: 02:47

8th Avenue
Northbound

Before: 03:57
After: 04:15

7th Avenue
Southbound

Before: 05:25
After: 05:33

6th Avenue
Northbound

Before: 04:20
After: 04:16

• Prospect Park West provides the shortest travel times through Park Slope

Weekday travel time averages are derived from 48 runs conducted once every 30 minutes over two days along each corridor.
Before travel time surveys conducted May 11-12, 2010
After travel time surveys conducted October 19-20, 2010
Travel Times - Before & After
(Peak Average)

Prospect Park Weekday Travel Times
Union Street to 15th Street

<table>
<thead>
<tr>
<th></th>
<th>AM Peak Average (7am-10am)</th>
<th>Mid-day Average (10am-2pm)</th>
<th>PM Peak Average (4pm-7pm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before</td>
<td>02:35</td>
<td>02:54</td>
<td>03:03</td>
</tr>
<tr>
<td>After</td>
<td>02:42</td>
<td>02:44</td>
<td>02:59</td>
</tr>
</tbody>
</table>

• Prospect Park West travel times remained stable after implementation

Weekday average travel times derived from runs conducted once every 30 minutes over two days
Before travel time surveys conducted May 11-12, 2010
After travel time surveys conducted October 19-20, 2010
Roadway Design – Before & After