7TH AVENUE

Bike Network & Safety improvements

Presented to Brooklyn Community Board 7
February 13, 2017
BIKE NETWORK GAP

- Gap in existing bicycle network between 5th Ave and Prospect Park West
- No bicycle facility leading to Carlton Ave from Park Slope

GROWTH IN CYCLING

- 7th Ave is being used by cyclists
  - 382 weekday cyclists (12-hr count)
  - 708 weekend cyclists (12-hr count)
SAFETY – Vision Zero

2 cyclist fatalities on 6th Avenue in 2016

7th Avenue – 23rd St to 15th St
4 Severe Injuries; 8.1 per mile

7th Avenue – 15th St to Park Pl
Injury Summary, 2010-2014 (5 years)

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
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<tbody>
<tr>
<td>Pedestrian</td>
<td>19</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bicyclists</td>
<td>8</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Motor Vehicle Occupant</td>
<td>37</td>
<td>4</td>
<td>0</td>
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<tr>
<td>Total</td>
<td>64</td>
<td>4</td>
<td>0</td>
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PROJECT PROPOSAL: BIKE LANES AND SHARED LANES

7th Ave

Bicycle Lane

Shared Lane
PROJECT PROPOSAL - 15th St to 20th St

Install bicycle lanes
- Provide dedicated space on street for cyclists
- Narrower moving lanes calm traffic
- No impact on parking

Existing

Proposed
PROPOSED CONFIGURATION – 15th St to 20th St
PROJECT PROPOSAL – 20th St to 23rd St

Install shared lanes

- Provides wayfinding and indicates safe place on street to bike
- Alerts drivers to presence of people riding bikes
- No impact on parking or moving lanes
PROPOSED CONFIGURATION – 20th St to 23rd St

Vanderbilt Avenue and Gates Street
7th Ave

- Fills gap in bike network
- Provides dedicated space for cyclists as feasible
- Calms traffic
- Maintains parking and vehicular mobility

Expand Park Slope bike network, improve mobility, enhance safety for growing number of cyclists
Questions?

THANK YOU!
BIKE SHARE – Citi Bike in CB 6

50,015 trips started in CB 6 in October 2016

Citywide Trips Per Day

Data from New York City Bike Share
BIKE NETWORK – Bike Volumes

7th Ave @ Sterling Pl
- 382 weekday cyclists
- 708 weekend cyclists

7th Ave @ 2nd St
- 499 weekday cyclists
- 366 weekend cyclists

Counts conducted 5/4/2016, 5/5/2016 & 5/7/2016 7am-7pm
VEHICULAR NETWORK – Traffic Volumes

7th Ave @ 2nd St

Northbound
• 396 VPH - AM Peak
• 404 VPH - PM Peak

Southbound
• 259 VPH - AM Peak
• 314 VPH - PM Peak

Mid-week averages of counts conducted 5/2016