BROADWAY SAFETY AND MOBILITY IMPROVEMENTS

Queens Community Board 4 Transportation Committee

April 16, 2019
AGENDA

• Bus Improvements
• Pedestrian Safety Improvements
• Big Jump Background
Bus Improvements
WOODHAVEN
Q52/Q53 SBS

• Launched November 2017
• Bulk of on-street improvements in “middle” section
BUS TRAVEL TIMES

Northbound (7-10 AM)

<table>
<thead>
<tr>
<th>Minutes</th>
<th>Before (Feb-May 2016)</th>
<th>After (Feb-May 2018)</th>
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</thead>
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<td>30.9</td>
<td>8.8</td>
<td>27.8</td>
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<tr>
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<td>9.0</td>
<td>9.2</td>
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<tr>
<td></td>
<td>6.2</td>
<td>6.4</td>
</tr>
<tr>
<td></td>
<td>6.9</td>
<td>5.8</td>
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</table>

Routings:
- 157th Av to Rockaway Blvd
- Metropolitan Av to Queens Blvd
- Jamaica Av to Metropolitan Av
- Rockaway Blvd to Jamaica Av

Southbound (4-7 PM)

<table>
<thead>
<tr>
<th>Minutes</th>
<th>Before (Feb-May 2016)</th>
<th>After (Feb-May 2018)</th>
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<td></td>
<td>8.6</td>
<td>6.4</td>
</tr>
</tbody>
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Routings:
- Rockaway Blvd to 157th Av
- Queens Blvd to Metropolitan Av
- Metropolitan Av to Jamaica Av
- Jamaica Av to Rockaway Blvd

SBS Stations & Bus Lanes
- Curbside SBS Station
- Median SBS Station
- Main Road Bus Lanes
- Offset Bus Lanes
- Curbside Bus Lanes
- No Bus Lanes

Bus lanes implemented in August 2015
BROADWAY

• Remains the slowest portion of the Q53 route
• Includes 4 Q53 SBS stop pairs + Q58 service
• 17,000 daily trips on Broadway buses (Q53 + Q58)
CONGESTION ISSUES

Broadway & 45th Ave
CONGESTION ISSUES

Broadway & Whitney Ave
CONGESTION ISSUES

Broadway & 80th St
PROPOSED BUS IMPROVEMENTS

“Queue Jumps” Approaching/Leaving Bus Stops

Short curbside bus lane segment + Bus only signal
• 75th St, 78th St, and Grand Av NB in existing bus stops only
• Whitney Av, Corona Av, and Grand Av SB would allow overnight parking
• Balances bus priority with parking and curb access needs
Pedestrian Safety Improvements
WOODSIDE AV/80TH ST – EXISTING

Chase Bank

Woodside Av

Off Broadway Car Wash

Baxter Av

Broadway

4 pedestrian injuries and 1 cyclist fatality (2012-2016)

No legal crossing

Yield control
WOODSIDE AV/80TH ST – PROPOSED

- Add stop control and crossing

Chase Bank

Woodside Av

Baxter Av

Broadway
ROOSEVELT AV/75TH ST – PROPOSED

Pedestrian fatality March 4, 2019

Add painted curb extension
Big Jump Background
EXISTING BICYCLE NETWORK

1. Northern bicycle network connects Broadway to Astoria, Woodside, Jackson Heights and East Elmhurst

2. 8 miles of protected bicycle lanes Queens Boulevard link communities from Sunnyside to Rego Park
EXISTING BICYCLE TRAFFIC

Bicycle Safety
5 cyclists were severely injured and 1 killed on proposed route between 2013-2017

Bicycle Volumes
293 cyclists counted during 12-hour weekend count on Broadway at 41 Ave (Fall 2017)
PROPOSED NETWORK CONNECTION

Bicycle Lanes
- Dedicates space for cyclists on the street
- Increases predictability of cyclist’s location for motorists and pedestrians
- Separates slower bicycle traffic from motor vehicle traffic

Shared Lane Markings
- Guides cyclists along routes
- Alerts motorists to the presence of cyclists
- Helps align cyclists properly in the street
PROPOSED BICYCLE IMPROVEMENTS

Bicycle Lanes and Shared Lanes

**Add Bicycle Lanes**
Wide parking lanes are replaced with bicycle lanes in each direction.

**Shared Lane Markings**
Where street widths do not allow for dedicated bicycle lanes, shared lanes are used instead.
CORONA AV – EXISTING
Curbside bus queue jump shared with bicycles
THANK YOU!

Questions?