Bond Street Bicycle Route Upgrade
Project Background

- Bond Street bicycle route installed summer 2014 between 3rd St and Schermerhorn St after the street was repaved.
  - Community members asked for more robust facility
- In 2015, as part of a resurfacing project, DOT upgraded the existing shared lane to a curbside green painted bike lane between Wyckoff St and Schermerhorn St
- Existing curb regulations prohibit parking on the east curb between 8am to 6pm, Mon - Sat
Proposed Project Limits:
3rd St to Douglass St
Existing Conditions – 2 St – 1 St
Existing Conditions – 1 St – Carroll St
Existing Conditions – Union St – Sackett St
Existing Conditions – Sackett St – DeGraw St
12 Hour Bike Counts

April 2015
Weekday: 523
Weekend: 326

April 2014
Weekday: 395
Weekend: 393

April 2015
Weekday: 418
Weekend: 677

April 2016
Weekday: 500
Weekend: 526

*Count conducted 4/18/2015 & 4/23/2015; 4/16/2016 & 4/19/2016 7am-7pm
*Bond Street Bike Route installed
Summer 2014
### Peak Hour Mode Split - Weekday
Bond St between Union St and Sackett St

#### Bond Street Weekday Peak Hour Modal Split
Between Union St and Sackett St

<table>
<thead>
<tr>
<th>Mode</th>
<th>AM Peak Hour (8am – 9am) Volume</th>
<th>PM Peak Hour (5pm – 6pm) Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycles</td>
<td>37</td>
<td>45</td>
</tr>
<tr>
<td>Vehicles</td>
<td>430</td>
<td>228</td>
</tr>
</tbody>
</table>

**Source:** TRIP Data - Vehicles, September 2013  Bicycles, November 2013
### Peak Hour Mode Split - Weekday
Bond St between Dean St and Pacific St

<table>
<thead>
<tr>
<th>Mode</th>
<th>AM Peak Hour (8am – 9am) Volume</th>
<th>PM Peak Hour (5pm – 6pm) Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycles</td>
<td>44</td>
<td>58</td>
</tr>
<tr>
<td>Vehicles</td>
<td>525</td>
<td>349</td>
</tr>
</tbody>
</table>

- **AM PEAK**
  - Bicycles: 8 %
  - Vehicles: 92 %

- **PM PEAK**
  - Bicycles: 14 %
  - Vehicles: 86 %

Source: ATI Data - April 2015
# Peak Hour Mode Split – Weekend

Bond St between Dean St and Pacific St

<table>
<thead>
<tr>
<th>Mode</th>
<th>AM Peak Hour (9am – 10am) Volume</th>
<th>PM Peak Hour (4pm – 5pm) Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycles</td>
<td>44</td>
<td>80</td>
</tr>
<tr>
<td>Vehicles</td>
<td>139</td>
<td>170</td>
</tr>
</tbody>
</table>

**Source:** ATI Data - April 2015

**Pie Charts:**

- **AM Peak:**
  - Bicycles: 76%
  - Vehicles: 24%

- **PM Peak:**
  - Bicycles: 68%
  - Vehicles: 32%
Proposed Design
Bond St between 3rd St and Douglass St

Existing Condition

Proposed Conditions

6' Bike Lane

18' Combined Travel/ Parking Lane
Existing Parking Regulations
3 St to Douglass St

- **No Parking 8am - 6pm, M - F**
- **No Parking 8am - 6pm, Ex Sun**
- **Alternate Side Parking 9:30am - 11am, Fri**
- **Alternate Side Parking 9:30am - 11am, Wed**
Parking Study

- Regular observations during different times of day and over the years
- Time lapse photography
  - 5 Views
    - 2 St - looking north and south (2 cameras)
    - President St - looking north and south (2 cameras)
    - Sackett St – looking south (1 camera)
- Time period:
  - 3 St – 2 St (15 days) on 3/26, 3/27, 4/2, 4/3, 4/9, 4/10, 4/16, 4/17 from 7am – 8pm and 5/11, 5/12, 5/13, 5/14, 5/15, 5/16, 5/17 for 24 hours
  - 2 St – Sackett St (11 days) on 3/27, 4/3, 4/10, 4/17 from 7am – 8pm and 5/11, 5/12, 5/13, 5/14, 5/15, 5/16, 5/17 for 24 hours
Overnight Parking Conditions
Bond St – Looking from 2 St to 3 St
Underutilized Parking
Overnight Parking Conditions
Bond St – Looking from 2 St and 1 St

Underutilized Parking
Overnight Parking Conditions
Bond St – Looking from President St & Carroll St

Underutilized parking where available

Driveways restrict parking
Overnight Parking Conditions
Bond St – Looking from President St & Union St

- Driveways restrict parking
- Underutilized parking where available
Underutilized Parking where available

Driveways and fire hydrants restrict parking
Existing Conditions
Bond St between Sackett St – Degraw St

Alternate Side Parking
Average 6 Parking Spots
Existing Parking Conditions –
Bond St between Degraw St – Douglass St

Parking prohibited between 8am to 6pm, Mon – Fri
for just this block

Alternate Side Parking
7 Parking Spots
Note: Time Lapse photography occurred as follows:

- 3 St – 2 St on 3/26, 3/27, 4/2, 4/3, 4/9, 4/10, 4/16, 4/17 from 7am – 8pm and 5/11, 5/12, 5/13, 5/14, 5/15, 5/16, 5/17 for 24 hours
- 2 St – Sackett St on 3/27, 4/3, 4/10, 4/17 from 7am – 8pm and 5/11, 5/12, 5/13, 5/14, 5/15, 5/16, 5/17 for 24 hours
Proposed Parking Regulation Changes

Legend:
- **Red**: No Stopping Anytime
- **Green**: Alternate Side Parking 9:30am - 11am, Wed
- **Blue**: No Parking 8am - 6pm, M-F
Proposed Parking Adjustments

• Repurpose approximately 13 parking spaces along the east curb between Sackett St and Douglass St

• Between Degraw St and Douglass St along the west curb change the No Parking 8am – 6pm M – F to Alternate Side Parking 9:30 – 11am, Wed for 2 parking spaces

• Create approximately 5 new parking spaces in the neighborhood at the following locations:
  • 1st Street N/S from Hoyt St to Bond St (1 Parking Space)
  • Hoyt St E/S from Carroll St to 1st Street (1 Parking Space)
  • 3rd Street N/S from Bond St to Hoyt St (2 Parking Spaces)
  • Hoyt Street W/S from Carroll St to 2nd St (Possibly 1 Parking Spaces)

• Investigating the creation of parking on Sackett St between Bond St and the Gowanus Canal
Benefits of Proposed Design

- Upgrades the existing shared lane to a curbside bike lane.
- Provides dedicated space for bicyclists.
- Improves a safe, convenient cycling route connecting neighborhoods and destinations.
- Organizes traffic on roadway.