Project Background

- Bond Street bicycle route installed summer 2014
  - Community member asked for more robust facility
- Shared lanes installed between Wyckoff St and Schermerhorn St
- Due to weekday parking restrictions along the east curb cyclists already travel along the curb
- Street will be repaved in late summer - opportunity for new design
12 Hour Bike Counts

April 2015
Weekday: 523
Weekend: 326

April 2014
Weekday: 395
Weekend: 393

April 2015
Weekday: 418
Weekend: 677

*Count conducted 4/18/2015 & 4/23/2015 7am-7pm
*Bond Street Bike Route installed Summer 2014
### 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>

**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

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

**PM Peak**
- Bicycles: 32%
- Vehicles: 68%

Source: ATI Data - April 2015
Existing – Looking South at Bergen St
Proposed Design
Bond St between Wyckoff St and Schermerhorn St

Existing Condition

- East Sidewalk
- 24’ Combine Parking/Shared Lane
- West Sidewalk

Proposed Conditions

- 6’ Bike Lane
- 18’ Combined Travel/Parking Lane
- East Sidewalk
- West Sidewalk
Proposed Design – Henry St, Brooklyn
Existing Parking Regulations
Bond St between Wyckoff St & Atlantic Ave

East Side
No Standing 7am-10am Monday-Friday
No Parking 7am-7pm Monday-Friday

West Side
No Parking 8:30am-10:00am Monday
No Standing 7am-10am (between Pacific St & Atlantic Av)
### Weekday Parking Observations (2014 & 2015)

**Site Visit between Wyckoff St & Bergen St**

<table>
<thead>
<tr>
<th>East Side of Street Wyckoff St to Bergen St</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekday</td>
<td>0</td>
</tr>
</tbody>
</table>

**Underutilized Parking**

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm – 11:30pm
Site Visit between Bergen St & Dean St

<table>
<thead>
<tr>
<th>East Side of Street Bergen St to Dean St</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekday</td>
<td>0</td>
</tr>
</tbody>
</table>

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### Weekday Parking Observations (2014 & 2015)

**Site Visit between Dean St & Pacific St**

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean St to Pacific St</td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

- *Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm – 11:30pm*
- *Vehicles parked is the average of three weekend days (6/28/2014, 3/8/2015, & 3/21/2015) between 10:30am – 2:00pm*
Weekday Parking Utilization Study (2015)
Time Lapse between Bergen St to Atlantic Ave

<table>
<thead>
<tr>
<th>East Side of Street Bergen St to Atlantic Ave</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekday</td>
<td>0.2</td>
</tr>
</tbody>
</table>


*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

Weekday 0.2

At Pacific St, looking south

Tuesday 4/28/2015 4:00 AM

Thursday 4/30/2015 6:15 AM
Site Visit between Wyckoff St & Bergen St

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wyckoff St to Bergen St</td>
<td></td>
</tr>
<tr>
<td>Weekend</td>
<td>0.7</td>
</tr>
</tbody>
</table>

Underutilized Parking

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm
Site Visit between Bergen St & Dean St

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bergen St to Dean St</td>
<td>2.2</td>
</tr>
</tbody>
</table>

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of six weekend days (6/28/2014, 7/19/2014, 7/20/2014, 7/26/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Saturday
7/26/2014
2:00 PM
Weekend Parking Utilization Study (2015)
Time Lapse between Bergen St & Atlantic Ave

<table>
<thead>
<tr>
<th>East Side of Street Bergen St to Atlantic Ave</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekend</td>
<td></td>
</tr>
<tr>
<td>Total Average</td>
<td>2.7</td>
</tr>
<tr>
<td>Day Average (10am-7pm)</td>
<td>4.5</td>
</tr>
<tr>
<td>Overnight Average (10pm-7am)</td>
<td>1.8</td>
</tr>
</tbody>
</table>

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm
Site Visit between Pacific St & Atlantic Ave

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific St to Atlantic Ave</td>
<td>Weekend 4.3</td>
</tr>
</tbody>
</table>

Underutilized Parking

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*Vehicles parked is the average of four weekend days (6/28/2014, 7/20/2015, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Sunday
7/20/2015
10:30 AM
Existing Conditions
Bond St between Atlantic Ave & State St

East Side
No Parking 8am-7pm
Except Sunday
No Standing Anytime

West Side
No Parking 8:30am-10:00am
Monday
1 Hour Meter 9am-7pm
Except Sunday

Typical Conditions

24' Combine Parking/Shared Lane
# Weekday & Weekend Parking Observations (‘14 & ’15)

Site Visit between Atlantic Ave & State St

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Ave to State St</td>
<td>Weekday 0</td>
</tr>
<tr>
<td></td>
<td>Weekend 0</td>
</tr>
</tbody>
</table>

- **West Side of Street**
- **Average Vehicles Parking**
- **Weekday**
- **Weekend**

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (7/19/2014, 7/20/2015, & 3/8/2015) between 10:30am - 2:00pm
Existing Conditions
Bond St between State St & Schermerhorn St

Existing Conditions

East Side
1 Hour Meter 10am-7pm
Except Sunday
No Standing Anytime 7am-10am
Except Sunday

West Side
No Parking 8am-7pm
Except Sunday
No Standing Anytime
Site Visit between State St & Schermerhorn St

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Ave to State St</td>
<td>Weekday 5</td>
</tr>
</tbody>
</table>

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm
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Site Visit between State St & Schermerhorn St

<table>
<thead>
<tr>
<th>East Side of Street Atlantic Ave to State St</th>
<th>Average Vehicles Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekend</td>
<td>4.3</td>
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Parking Study 2014-2015 Summary
Bond St between Wyckoff St & Schermerhorn St

- Existing weekday parking regulations restrict parking along the east curb for over 12 hours of the day
- When weekday parking is permitted between 7pm to 7am very few people park
- New design would repurpose 39 parking spaces which are utilized primarily during weekend

<table>
<thead>
<tr>
<th>East Side of Street</th>
<th>Site Visit Study Weekday (Overnight)</th>
<th>Site Visit Weekend</th>
<th>Time Lapse Study Weekday (Overnight)</th>
<th>Time Lapse Study Weekend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Vehicles Parked</td>
<td>0.8</td>
<td>2.3</td>
<td>0.2</td>
<td>2.7</td>
</tr>
<tr>
<td>Vehicles Parked</td>
<td>6</td>
<td>25</td>
<td>5</td>
<td>22</td>
</tr>
<tr>
<td>Existing Spaces</td>
<td>39</td>
<td>39</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

*Site Visit Study captures Wyckoff Street to Schermerhorn Street
*Time Lapse Study captures Bergen Street to Atlantic Avenue
Benefits of Proposed Design

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

Thank You
Weekday Parking Utilization Study (2015)

Time Lapse between Bergen St & Atlantic Ave

East Side of Street
Bergen St to Atlantic Ave

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Underutilized Parking


*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

At Pacific St, looking south

Thursday
4/23/2015
10:00 PM
**Weekday Parking Utilization Study (2015)**

**Time Lapse between Bergen St & Atlantic Ave**

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*At Atlantic Ave, looking south*

**Friday**

4/24/2015

6:00 AM
**Weekend Parking Utilization Study (2015)**

Time Lapse between Bergen St & Atlantic Ave

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### Weekday Parking Observations (2014 & 2015)

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<thead>
<tr>
<th>East Side of Street Pacific St to Atlantic Ave</th>
<th>Average Vehicles Parking</th>
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<td>Weekday</td>
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Tuesday
5/12/2015
10:15 PM

### Site Visit between Dean St & Pacific St

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</tr>
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<tbody>
<tr>
<td>Dean St to Pacific St</td>
<td></td>
</tr>
<tr>
<td><strong>Weekend</strong></td>
<td><strong>2.3</strong></td>
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*Underutilized Parking*

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