Project Background

CB 2 Requested Community Planning Process

- **2012**: Community Route Identification
  - Workshops: March & July 2012
- **2013**: CB Phase I Approval
- **2014**: Phase I Implementation

Next Steps

- **2015**:
  - CB Phase II Approval
  - Implementation
- **2016**: Phase III Implementation
  - Continue mileage from Phase II
Phase I Routes Installed

Protected Bicycle Path
Bicycle Path
Bicycle Lane
Shared Bicycle Route
Community-Requested Routes
CB 2 Boundaries
Community Board Boundaries
11th St Upgrade

- **Limits:** 47th Ave to 44th Rd
- **Proposed Design:** 2-way Bike Lane
- **Bike Facility Connections:**
  - 11th St (existing)
  - 44th Dr
- **Bus Route**
  - B32

- **12 Hr Bike Counts (April 2013)**
  - Between 44 Dr & 44 Rd
    - Weekday: 238
    - Weekend: 154

Looking south, from 45th Road
11th St Upgrade

**Proposed Design: 73rd Av**

- **Limits:** 47th Ave to 44th Rd
- **Proposed Design:** 2-way Bike Lane
- **Bike Facility Connections:**
  - 11th St (existing)
  - 44th Dr
Jackson Avenue

- **Limits:** 11th St to Queens Blvd
- **Proposed Design:** 2-way Shared Lane
- **Bike Facility Connections:**
  - 11th St
  - 44th Dr
  - Pulaski Bridge
  - Queens Blvd
- **Bus Route**
  - B62

- **12 Hour Bike Counts (July 2014)**
  - Weekday: 712
  - Weekend: 633

Looking west, from 46th Avenue
Jackson Ave

Proposed Design: 47th Av

- Limits: 11th St to Queens Blvd
- Proposed Design: 2-way Shared Lane
- Bike Facility Connections:
  - 11th St
  - Pulaski Bridge
  - Queens Blvd
Honeywell St Bridge

- **Limits:** Northern Blvd to Skillman Av
- **Proposed Design:** 2-way Bike Lane
- **Bike Facility Connections:**
  - Skillman Ave
  - Across Sunnyside Yards

- **12 Hour Bike Counts (June 2012)**
  - Weekday: 116

- **Peak Hour Vehicle Volumes (April 2015)**
  - Northbound
    - AM: 448, PM: 534
  - Southbound
    - AM: 286, PM: 252
Proposed Design: 39th St Bridge

- **Limits:** Northern Blvd to Skillman Av
- **Proposed Design:** 2-way Protected Curbside Bike Lane
- **Bike Facility Connections:**
  - Skillman Ave
  - Across Sunnyside Yards
Honeywell St Bridge

At Northern Blvd

Existing
- West Sidewalk
- 11’ Travel Lane
- 11’- 6” Travel Lane
- 11’- 6” Travel Lane
- East Sidewalk

Proposed
- West Sidewalk
- 6’ 0” Travel Lane
- 11’ Travel Lane
- 11’- 6” Travel Lane
- East Sidewalk

At Skillman Ave

Existing
- West Sidewalk
- 11’ Travel Lane
- 11’- 6” Travel Lane
- 11’- 6” Travel Lane
- 11’ Travel Lane
- East Sidewalk

Proposed
- West Sidewalk
- 11’ Travel Lane
- 11’- 6” Travel Lane
- 11’- 6” Travel Lane
- 11’ Travel Lane
- East Sidewalk

Shared Lane

12
Honeywell St Bridge
Connection - 35 St

- **Limits:** Skillman Av to 43rd Ave
- **Proposed Design:** 2-way Shared Lane
- **Bike Facility Connections:**
  - Honeywell St Bridge
  - Skillman Ave
  - 43 Ave

Looking north, from 43rd Avenue
Honeywell St Bridge
Connection - 35 St

Existing

Proposed Design: 47th Av

- **Limits:** Skillman Av to 43rd Ave
- **Proposed Design:** 2-way Shared Lane
- **Bike Facility Connections:**
  - Skillman Ave
  - 43 Ave
Greenpoint Ave

• **Limits:** Greenpoint Ave Br to Starr Av
• **Proposed Design:** 1-way Bike Lane
• **Bike Facility Connections:**
  - Greenpoint Ave Bridge
  - Starr Av
• Bus Route
  - B24

Looking west, from Starr Avenue
Proposed Design: Wythe Av, Brooklyn

**Existing**

- Limits: Greenpoint Ave Br to Starr Av

**Proposed**

- **Proposed Design**: 1-way Bike Lane
- **Bike Facility Connections**:
  - Greenpoint Ave Bridge
Greenpoint Ave

- **Limits:** Starr Av to Borden Av (S)  
  Hunters Point Av to Queens Blvd
- **Proposed Design:** 2-way Shared Lane
- **Bike Facility Connections:**
  - Greenpoint Ave Bridge
  - 39th St
  - 47th Ave
  - Review Av
  - Queens Blvd
- **Bus Route**
  - B24

- **12 Hour Bike Counts (July 2014)**
  - Weekday: 304
  - Weekend: 445
Proposed Design: 47th Av

- **Limits:** Starr Av to Borden Av (S) Hunters Point Av to Queens Blvd
- **Proposed Design:** 2-way Shared Lane
- **Bike Facility Connections:**
  - Greenpoint Ave Bridge
  - 39th St
  - 47th Ave
  - Review Av
  - Queens Blvd
Proposed Design: Hoyt St, Brooklyn

- **Limits:** Greenpoint Av to Van Dam St
- **Proposed Design:** 1-way Shared Lane
- **Bike Facility Connections:**
  - Greenpoint Ave
  - Van Dam St
• **Special Focus on Segment of Greenpoint**
• **Limits:** Gale Ave to Hunters Point Ave
• **Proposed Design:** 2-way Bike Lane
• Bus Route
  • B24

• **12 Hour Bike Counts (July 2014)**
  • Weekday: 425
  • Weekend: 605
Peak Hour Vehicle Volumes: AM/PM
April 2015
Greenpoint Ave - Existing Conditions
Gale Ave to Hunters Point Ave

Point of Conflict
Greenpoint Ave - Proposed Conditions
Gale Ave to Hunters Point Ave

Clear Lane Markings
Greenpoint Ave - Proposed Conditions
Gale Ave to Hunters Point Ave

Curbside Bike Lane

Clear Lane Markings

Curbside Bike Lanes
Greenpoint Ave - Proposed Conditions
Gale Ave to Hunters Point Ave

Curbside Bike Lane

Curbside Bike Lanes

Gale Ave to Hunters Point Ave Ave
Greenpoint Ave - Proposed Conditions
Gale Ave to Hunters Point Ave

Shared Lane
Greenpoint Ave - Proposed Conditions
Gale Ave to Hunters Point Ave
• **Signalized Crossings**  
  • Bradley Ave  
  • Hunters Point Ave

• **Points of Conflict**  
  • Business Entrances  
    • Bantry Bay Publick House  
    • Best Western  
    • Auto Repair Shops  
    • Gas Station  
  • Fire House  
  • Gale Ave  
  • Borden Ave (N)  
  • Bus Stops
Greenpoint Ave – North Side Sidewalk Crossing
Gale Ave to Hunters Point Ave

- Signalized Crossings
  - Borden Ave (S)
  - Borden Ave (N)

- Points of Conflict
  - Right Turns
    - Borden Ave (S)
    - Borden Ave (N)
  - Pedestrians
49 Avenue

- **Limits:** Skillman Av to 27th St
- **Proposed Design:**
  - Shared Lane on S Side
  - Bike Lane on N Side
- **Bike Facility Connections:**
  - Skillman Ave
  - 27th St
- **Bus Route**
  - Q67

Looking west, from 25th Street
49 Avenue

Existing

South Sidewalk

22' Travel Lane

North Sidewalk

22' Travel Lane

44'

Proposed

South Sidewalk

8' Parking Lane

12' Shared Lane

11' Travel Lane

5'

North Sidewalk

8' Parking Lane

44'

Proposed Design: Ft. Washington Av
27 Street

- **Limits:** 49 Ave to Borden Ave
- **Proposed Design:** 2-Way Shared Lane
- **Bike Facility Connections:**
  - Borden Ave
  - 49 Ave
- **Bus Route**
  - Q67

Looking north, from 51st Ave
27 Street

Existing

<table>
<thead>
<tr>
<th>West Sidewalk</th>
<th>11’ Travel Lane</th>
<th>19’ Combined Travel / Parking Lane</th>
<th>East Sidewalk</th>
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</table>

Proposed

<table>
<thead>
<tr>
<th>West Sidewalk</th>
<th>11’ Shared Lane</th>
<th>11’ Shared Lane</th>
<th>8’ Parking Lane</th>
<th>East Sidewalk</th>
</tr>
</thead>
</table>

Proposed Design: 47th Av

- **Limits**: 49 Ave to Borden Ave
- **Proposed Design**: 2-Way Shared Lane
- **Bike Facility Connections**:
  - Borden Ave
  - 49 Ave
Borden Avenue Bridge

- **Limits:** 27th St to Review Ave
- **Proposed Design:** 2-Way Bike Lanes
- **Bike Facility Connections:**
  - 27th St
  - Borden Ave
  - Review Ave
- **Bus Route**
  - Q67

Looking east, from 27th Street
Borden Avenue Bridge

**Existing**

- **North Sidewalk**: 17’ Travel Lane
- **South Sidewalk**: 17’ Travel Lane
- Total Width: 34’

**Proposed**

- **North Sidewalk**: 6’ 0” Pedestrian 6’ 0” Bicycle
- **South Sidewalk**: 11’ Travel Lane
- Total Width: 34’

**Proposed Design**: 3rd St, Brooklyn

- **Limits**: 27th St to Review Ave
- **Proposed Design**: 2-Way Bike Lanes
- **Bike Facility Connections**:
  - 27th St
  - Borden Ave
  - Review Ave
Borden Avenue

- **Limits:** Review Ave to Starr Ave
- **Proposed Design:** Bike Lane
- **Bike Facility Connections:**
  - Starr Ave
  - Bus Route
    - Q67

- **Peak Hour Vehicle Volumes (September 2014)**
  - AM: 491
  - PM: 524

Looking west, towards 29th Street
Borden Avenue

Existing

South Sidewalk

18’ Combined Travel / Parking Lane

18’ Combined Travel / Parking Lane

36’

Proposed

South Sidewalk

9’ Parking Lane

5’

11’ Travel Lane

8’ Parking Lane

36’

Proposed Design: Hoyt Ave S
Starr Avenue

- **Limits:** Borden Ave to Van Dam St
- **Proposed Design:** Bike Lane
- **Bike Facility Connections:**
  - Borden Ave
  - Van Dam St

Looking north, from Van Dam Street
Starr Ave

Existing

West Sidewalk

34’
Combined Travel / Parking Lane

34’

East Sidewalk

Proposed

West Sidewalk

9’ Parking Lane

5’

11’ Travel Lane

9’ Parking Lane

34’

East Sidewalk

Proposed Design: Wythe Ave, Brooklyn
Review Avenue

• **Limits:** Van Dam St to Borden Ave
• **Proposed Design:** Bike Lane
• **Bike Facility Connections:**
  • Borden Ave
  • Van Dam St

• **12 Hour Bike Counts (June 2012)**
  • Weekday: 120
Review Ave

**Existing**

- **East Sidewalk**: 34’
  - Combined Travel / Parking Lane

- **West Sidewalk**: 34’

**Proposed**

- **East Sidewalk**: 9’ Parking Lane, 5’ Travel Lane, 11’ Parking Lane
- **West Sidewalk**: 9’ Parking Lane

Proposed Design: Wythe Ave, Brooklyn
Curb Cut Typical Design

Existing

34'

Proposed

9'

11', 5'

9'

Legend

Travel Direction

Parked Vehicle
Phase II Facility Types
Future Phasing: Review Av/56th Rd

Existing Conditions

- **Limits:** Greenpoint Av to Maurice Av
- **Bike Facility Connections:**
  - Greenpoint Av
  - Review/Starr Connection across Dutch Kills
- **Next Steps:**
  - Meet with MIBA (IBZ) and business owners
  - Do a truck-turning radius study

- **12 Hour Bike Counts**
  - 56 Rd
    - Weekday - 173 (June 2012)
    - Weekday - 449 (July 2014)
Summary of Benefits

- Expands the community requested bike routes
- Provides connections to Phase I Routes
- Expands connections to Maspeth, Woodside, and across Dutch Kills
- Provides additional routing options for cyclists
- Organizes street traffic in CB 2
## Summary of Plans

<table>
<thead>
<tr>
<th>Route</th>
<th>Street Limits</th>
<th>Shared Bike Lane</th>
<th>Bike Lane</th>
<th>Bike Path</th>
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<tbody>
<tr>
<td><strong>11th St</strong></td>
<td>44th Dr to 47th Ave</td>
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<td><strong>Jackson Av</strong></td>
<td>11th St to Queens Plaza</td>
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<td><strong>Honeywell St Bridge</strong></td>
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Questions?

Contact the Queens Borough Commissioner’s Office

212-839-2510