Project Area

- MCU Park
- Luna Park
- Wonder Wheel
- Boardwalk
- Nathan’s
- Thunderbolt
- Stillwell Ave
- W 15 St
- W 12 St
- Mermaid Ave
- Surf Ave
- CB 13 Office

Map showing various points and areas in the Project Area.
Existing Issues

- **Vision Zero priority intersection**
  - 16 crashes, 33 injuries (2009 – 2013)
  - 8 pedestrian injuries (3 severe)
  - Only 1% of Brooklyn intersections had more killed or severely injured, 4% had more injuries

- **Heavy pedestrian volumes**

- **Long crossing distances**

- **Midblock crossings**
  - 3 pedestrian injuries while crossing midblock

- **Skewed intersection**

- **Heavy summer parking demand**
Seasonality

Surf Ave in June - Mermaid Parade

Surf Ave in November
Existing Conditions

Stillwell Ave at Surf Ave, looking Northeast
Proposed Plan

Greenpoint Ave & 48th Ave, Queens
Existing Issues

Pedestrian Safety

- Heavy pedestrian volumes and queuing
- Long crossing distances
- 7 pedestrians hit while crossing with signal in crosswalk (2009-2013)
- Subway entrance not aligned with crosswalk
- Midblock crossings between EB bus stop and subway entrance
Existing Issues

Pedestrian Safety
Crash Map 2009-2013

Legend
- Pedestrian Crash
- Motor Vehicle Crash

2 Pedestrians hit in crosswalk (June 2012)
Pedestrian hit crossing midblock (October 2010)
Pedestrian severe injury near crosswalk (March 2011)
Pedestrian hit crossing midblock (January 2012)
2 Pedestrians hit in crosswalk (July 2011)
Pedestrian hit crossing midblock (July 2011)
Increase Pedestrian Space

Widen crosswalks across Surf Ave to 30’

Paint curb extensions to increase pedestrian visibility and shorten crossing distances
Existing Conditions
Move Eastbound Bus Stop

Relocate eastbound bus stop closer to crosswalk to deter midblock crossings and add two parking spaces.
Improve Signal Timing for Pedestrians

Create a 7-second Leading Pedestrian Interval (LPI) to give pedestrians a head start
Existing Issues
Traffic Safety

- Skewed intersection
- Poorly defined lane assignments
- 11 motor vehicle crashes (2009-2013)
  - 25 injuries to motor vehicle occupants

Stillwell Ave at Surf Ave, looking South
Re-align Stillwell Avenue

- Add northbound right turn bay
- Add southbound left turn bay
- Stripe parking lanes to channelize traffic and clarify lanes
Existing Issues

Parking

- Inefficient use of space
- Heavy parking demand in summer
- Drop off / pick up and taxi double parking activity near subway
Re-arrange Parking

Stillwell Ave between Surf Ave & Boardwalk

<table>
<thead>
<tr>
<th>Existing Parking Spaces</th>
<th>Parking Spaces After</th>
<th>Change</th>
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</thead>
<tbody>
<tr>
<td>47</td>
<td>50</td>
<td>+3</td>
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Create a 3 space drop-off / pick-up zone

Move parking spaces to curbsides of Stillwell Avenue

Louis Nine Blvd, Bronx
1. Increase pedestrian space

2. Move eastbound bus stop closer to crosswalk

3. Give pedestrians a 7-second head start while crossing north-south

4. Re-align Stillwell Avenue

5. Re-arrange parking and create drop-off zone
   • Net gain of 5 parking spaces (incl. 3 drop-off spaces)
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Thank You