Project Area
Existing Issues

- **Vision Zero priority intersection**
  - 16 crashes, 33 injuries (2009 – 2013)
  - 8 pedestrian injuries (3 severe)

- **Heavy pedestrian volumes**

- **Heavy transit use**
  - Subway has 13,177 avg. riders on weekdays, and 23,726 on weekends
  - B36 bus has 14,677 avg. weekday riders

- **Long crossing distances**

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

- **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

Stillwell Ave

Surf Ave

NORTH
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
- Blue: Pedestrian Crash
- Red: Motor Vehicle Crash

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

**Example:**
3rd Ave & 60th St, Manhattan

Widen crosswalks across Surf Ave to 30’

Paint curb extensions to increase pedestrian visibility and shorten crossing distances

**Example:**
Dreamland Plaza
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 and Mobility

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

Stripe parking lanes to channelize traffic and clarify lanes

Add southbound left turn bay

Add northbound right turn bay
Existing Issues
Parking

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

Stillwell Ave, looking North from Boardwalk
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>
</tr>
</thead>
<tbody>
<tr>
<td>47</td>
<td>50</td>
<td>+3</td>
</tr>
</tbody>
</table>

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)