

Surf Ave and Stillwell Ave

Intersection Safety Improvements

2015



**VISION
ZERO**

NEW YORK CITY



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



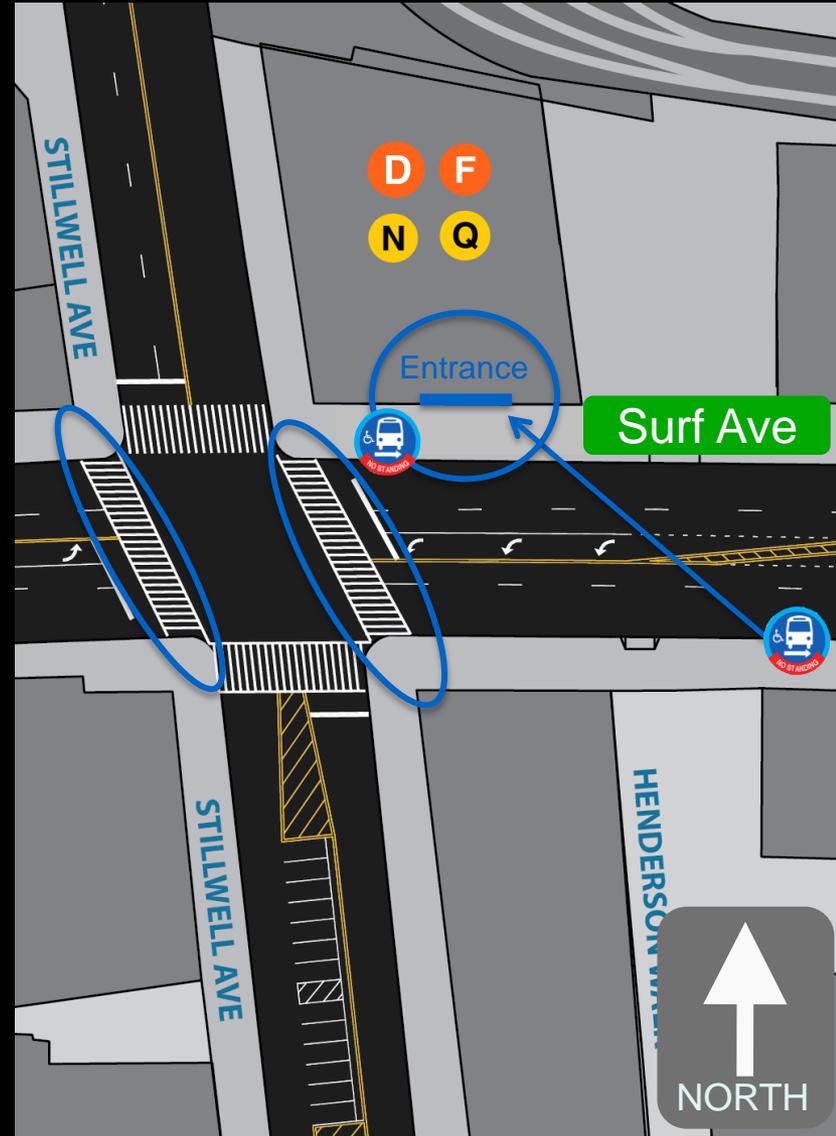
Greenpoint Ave & 48th Ave, Queens



Existing Issues

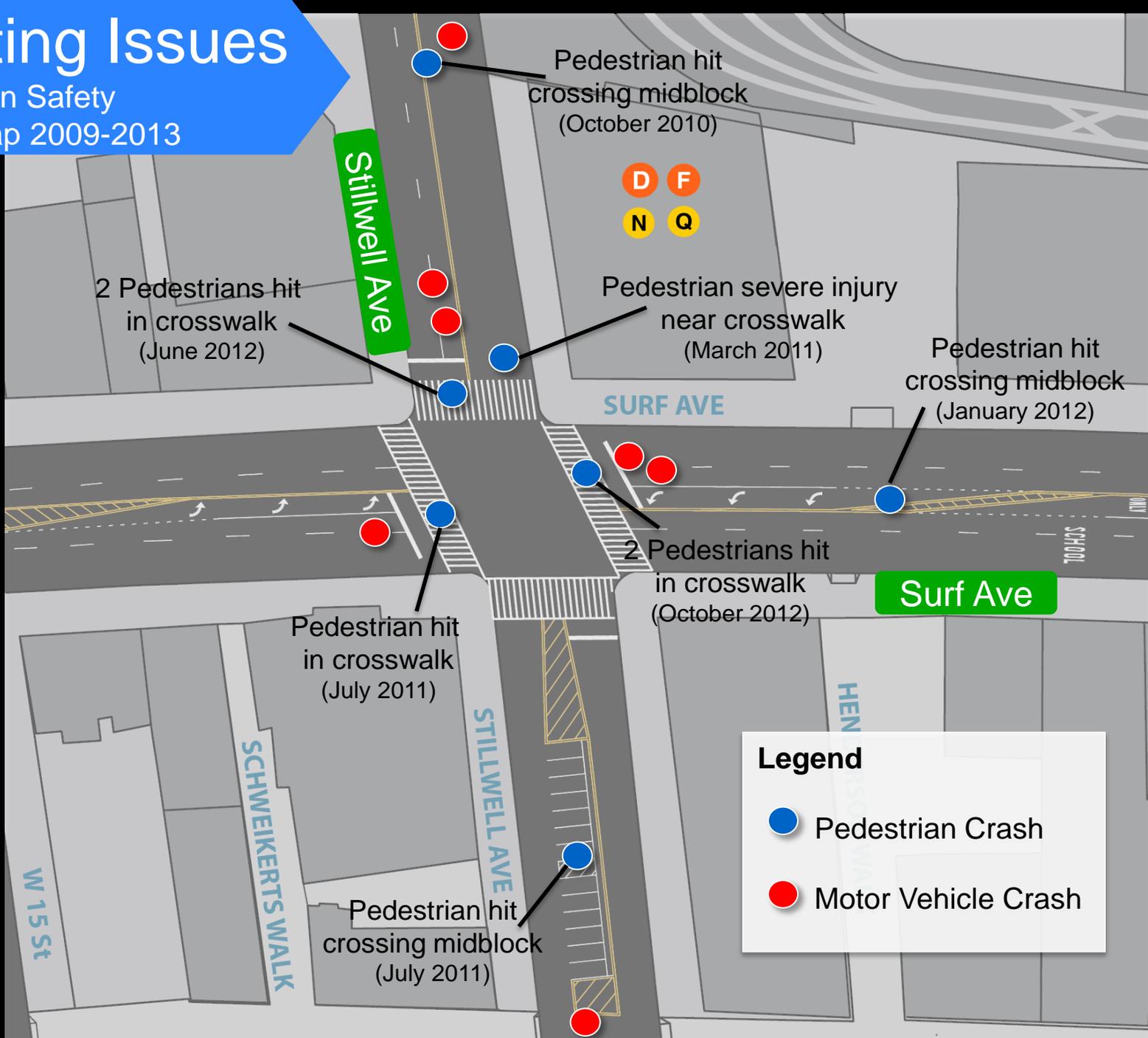
Pedestrian Safety

- 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



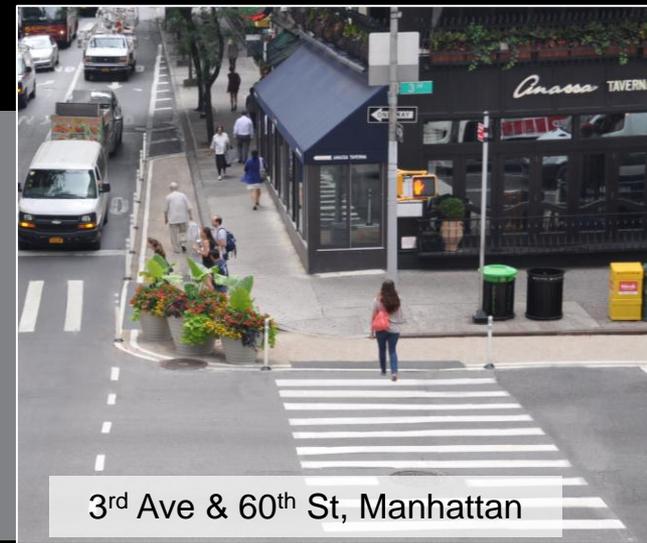
Existing Issues

Pedestrian Safety
Crash Map 2009-2013



Increase Pedestrian Space

Widen crosswalks
across Surf Ave to 30'



Paint curb extensions to
increase pedestrian
visibility and shorten
crossing distances



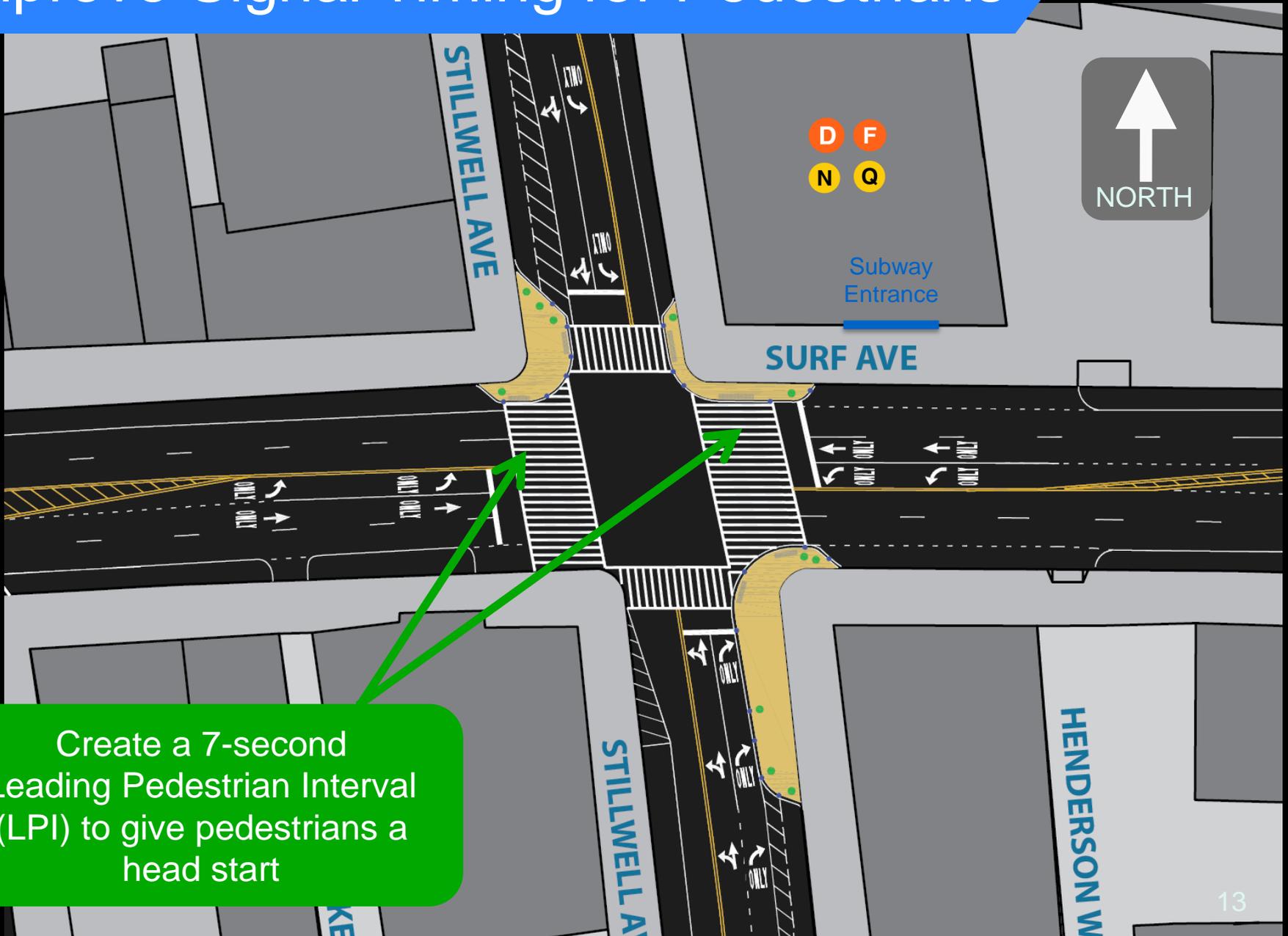
Existing Conditions



Proposed Rendering



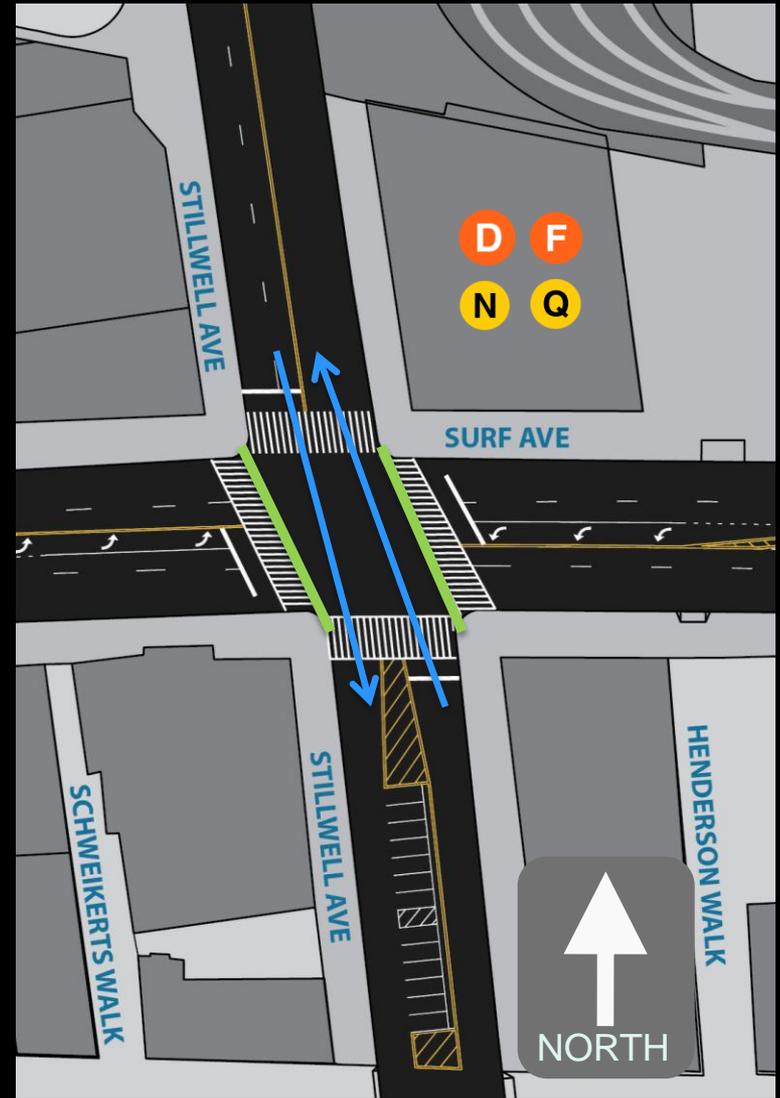
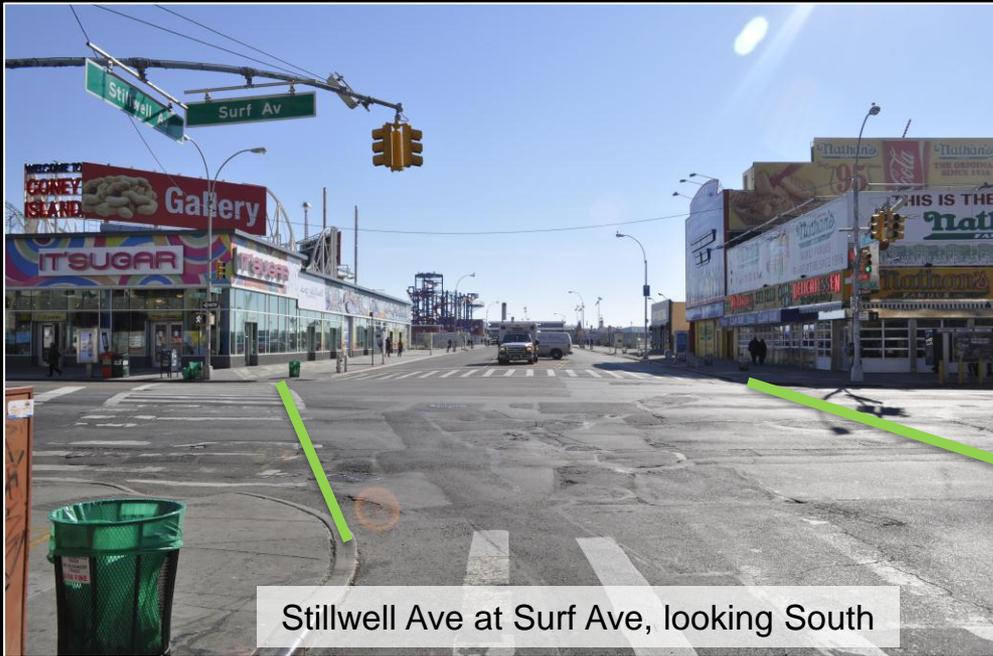
Improve Signal Timing for Pedestrians



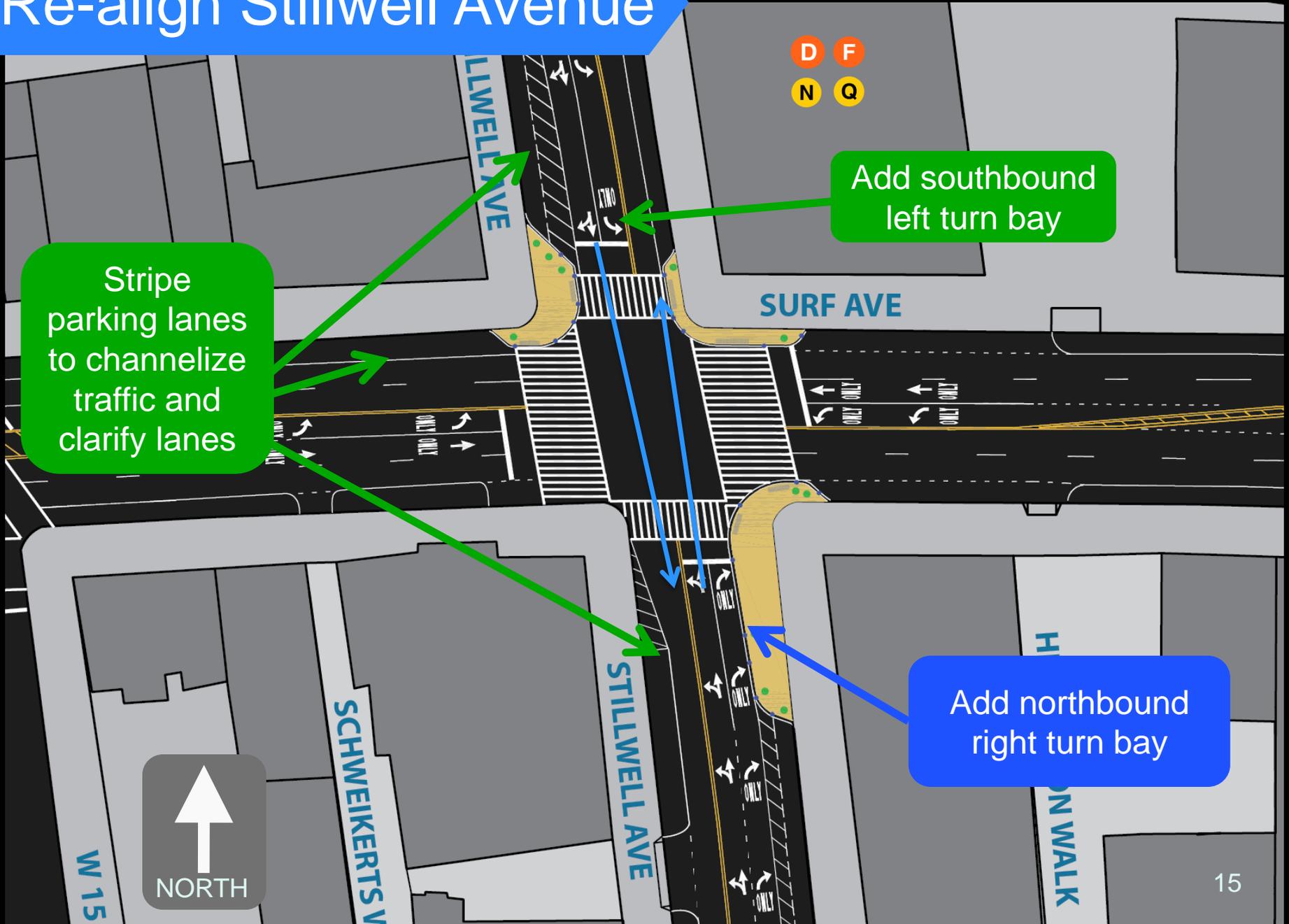
Existing Issues

Traffic Safety

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



Re-align Stillwell Avenue



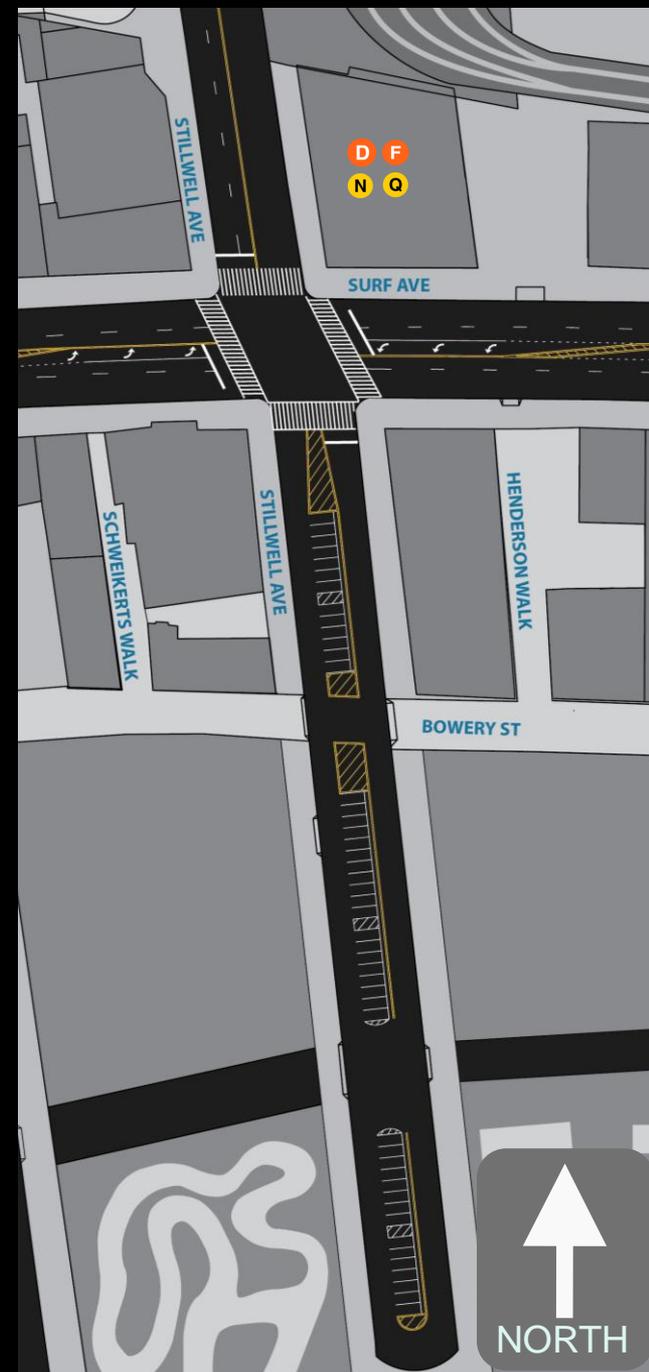
Existing Issues

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



Louis Nine Blvd, Bronx

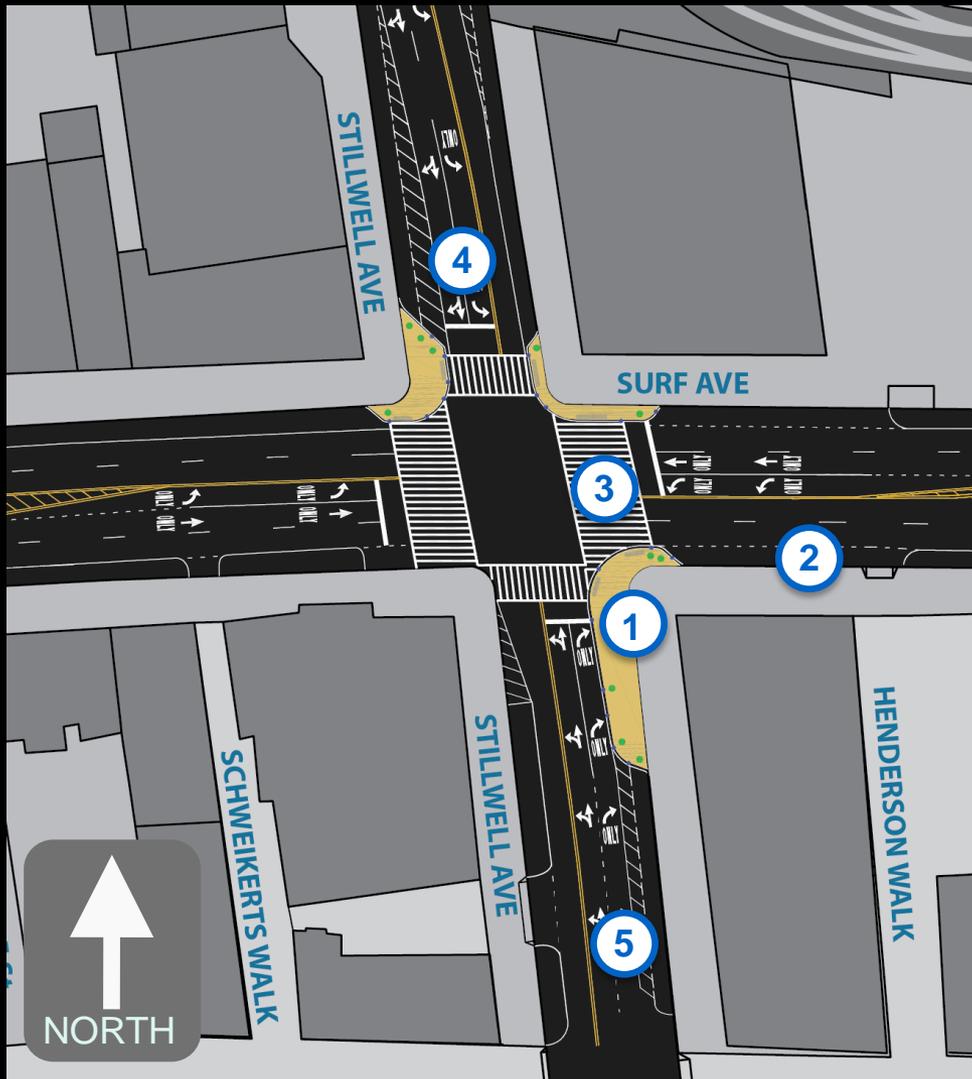


Create a 3 space drop-off / pick-up zone

Move parking spaces to curbsides of Stillwell Avenue

Stillwell Ave between Surf Ave & Boardwalk		
Existing Parking Spaces	Parking Spaces After	Change
47	50	+3

Proposal Summary



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