



PROSPECT HEIGHTS OPEN STREETS

Community Board 8 - 6/28/2022



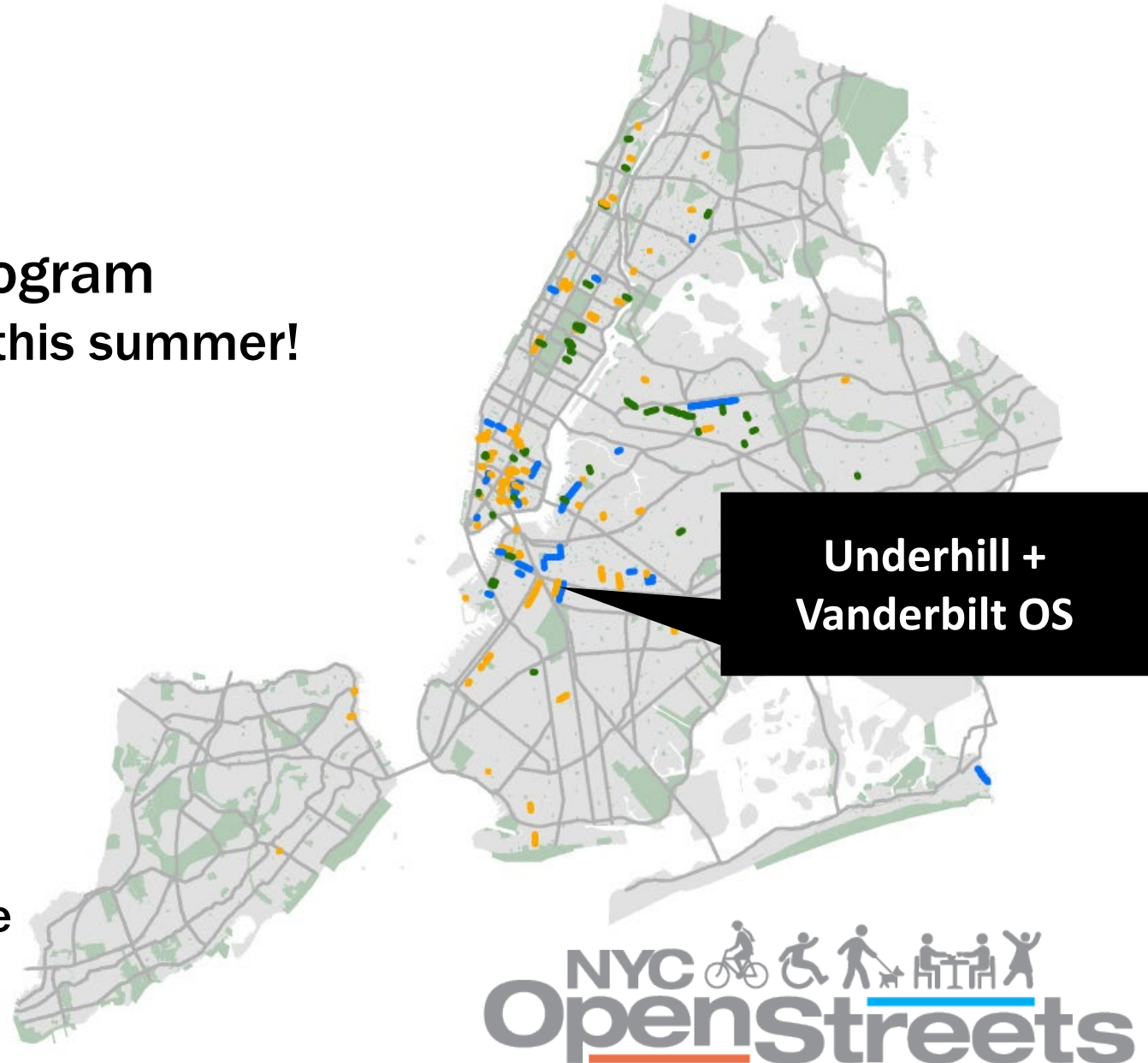
2022 Open Streets

Third Season, now a permanent program

- 150+ Locations, more to come this summer!
- 300+ Blocks
- 120+ Community Partners
- 20 City Maintained Locations

2022 Program Vision

- Equity in line w/ NYC Streets Plan Priority Investment Areas
- Sustainable operations & partner growth to cultivate long-term change
- Increase school participation



A wedding couple, a man in a black tuxedo and a woman in a white dress holding a bouquet of flowers, stand on a city street. In the foreground, several large, colorful geometric art pieces are arranged in a row. These pieces feature various patterns and illustrations, including a person walking a dog, a person taking a photo, and a person running. Two blue Citi Bikes are parked in front of the couple. The background shows a row of red brick buildings, trees, and a clear sky. A white semi-truck is visible on the left side of the street. The overall scene is bright and festive.

Prospect Heights Open Streets Background

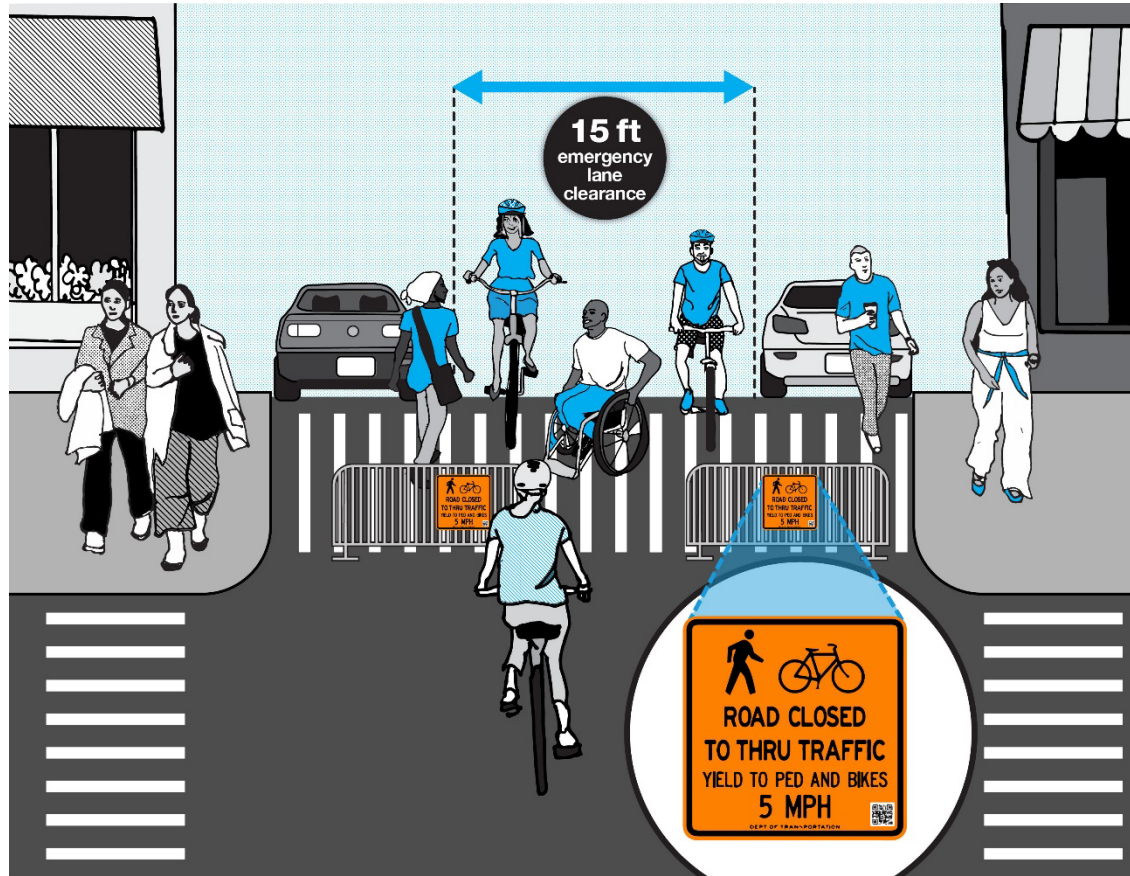
COMMUNITY PARTNERS



- DOT partner responsible for the day to day execution of Open Streets in Prospect Heights
- Consists of neighbors, businesses, and other members of the Prospect Heights community working together collaboratively to create public space
- Stepped in to manage Open Streets when City resources were limited at the height of the pandemic

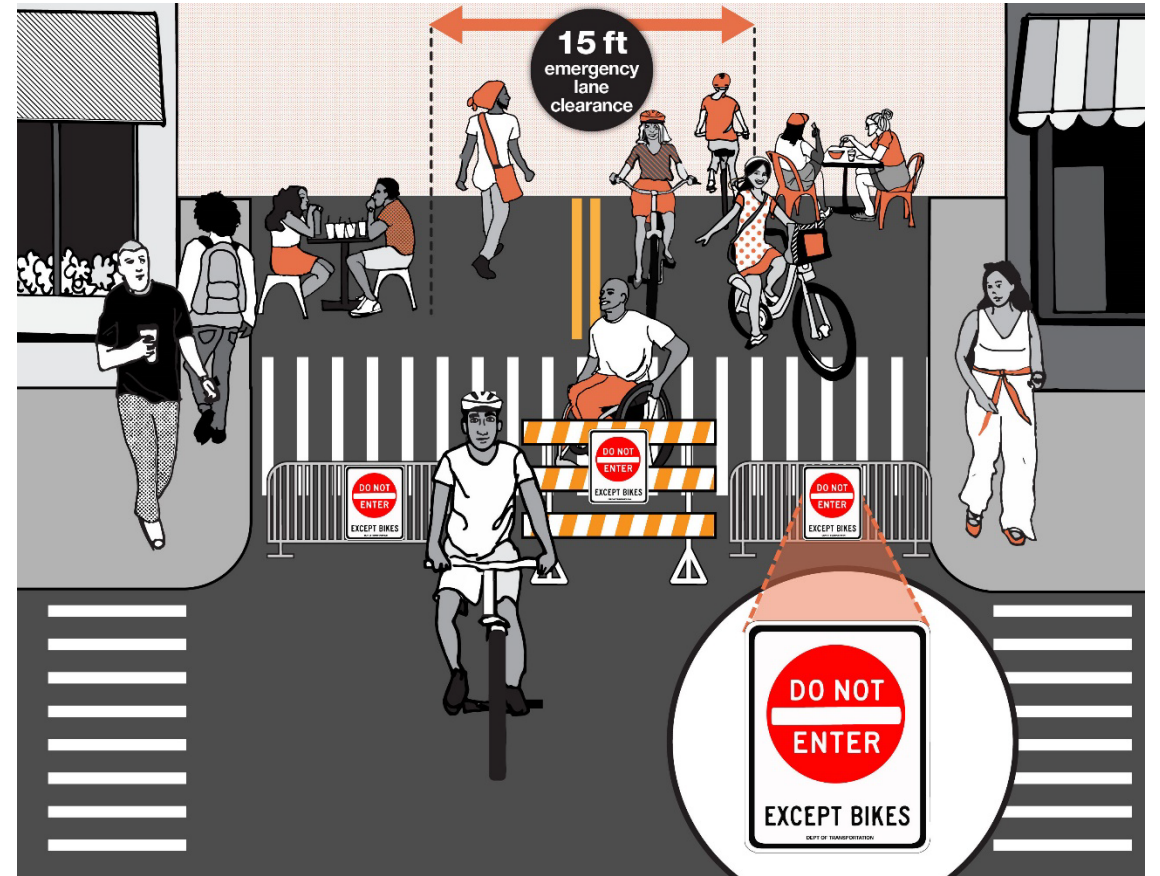
HOW OPEN STREETS WORK

Limited Local Access (Monday to Friday)



Underhill Avenue

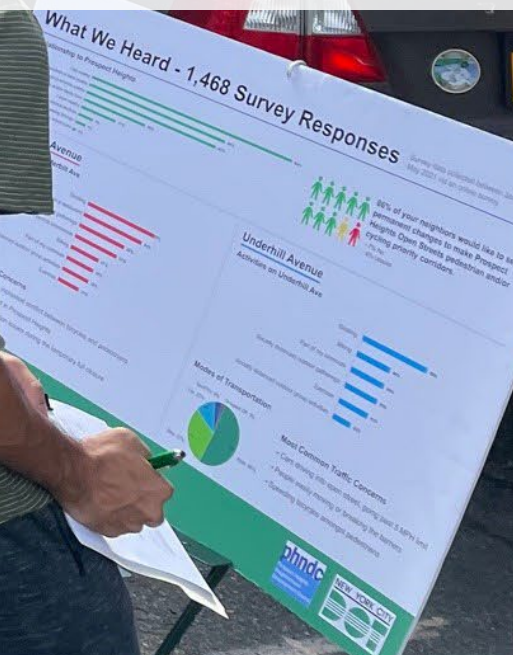
Full Closure (Friday, Saturday, & Sunday)



Vanderbilt Ave



Community Outreach Overview



EFFORTS TO DATE

Open Streets program – May to present

- Open Streets on Underhill and Vanderbilt Avenues as an emergency response program during COVID-19 pandemic

Community feedback survey – Feb to May ‘21

- 1,468 responses with feedback on how the existing Open Streets on Underhill + Vanderbilt Aves are operating and can be used in the future
- Promoted via flyers, digital media, flyers, email blasts, and in person opportunity on 5/26

Traffic study for Open Streets – March to Nov. ‘21

- Collecting vehicle, bicycle, and pedestrian count data for Open Streets and surrounding corridors

Community Workshop #1 – September ‘21

- 3 pop up workshops on Vanderbilt and Underhill Aves (9/11, 9/17, 9/22) to build on the survey feedback + offer in person feedback opp.

Community Workshop #2 – May ‘22

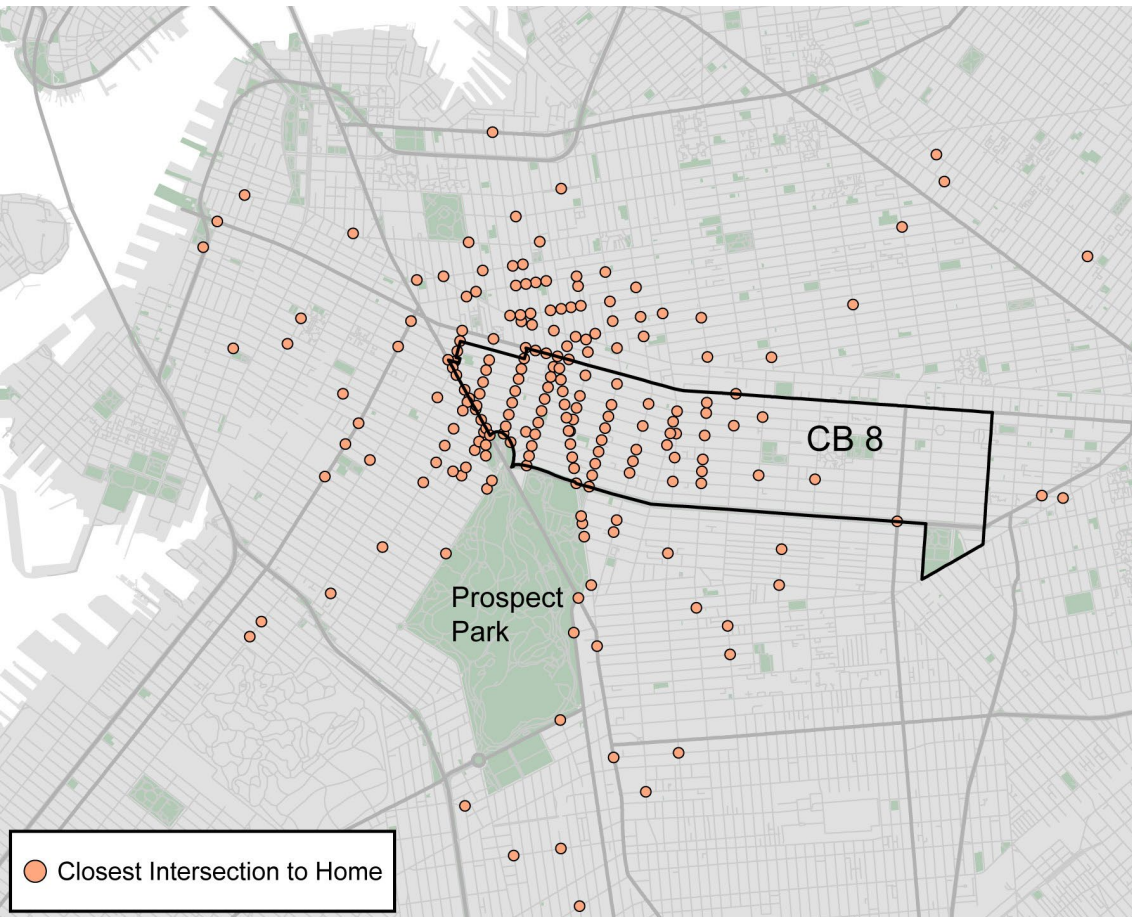
- 2 pop up workshops on Vanderbilt and Underhill Aves (5/19, 5/21) for the community to offer feedback on the design proposals



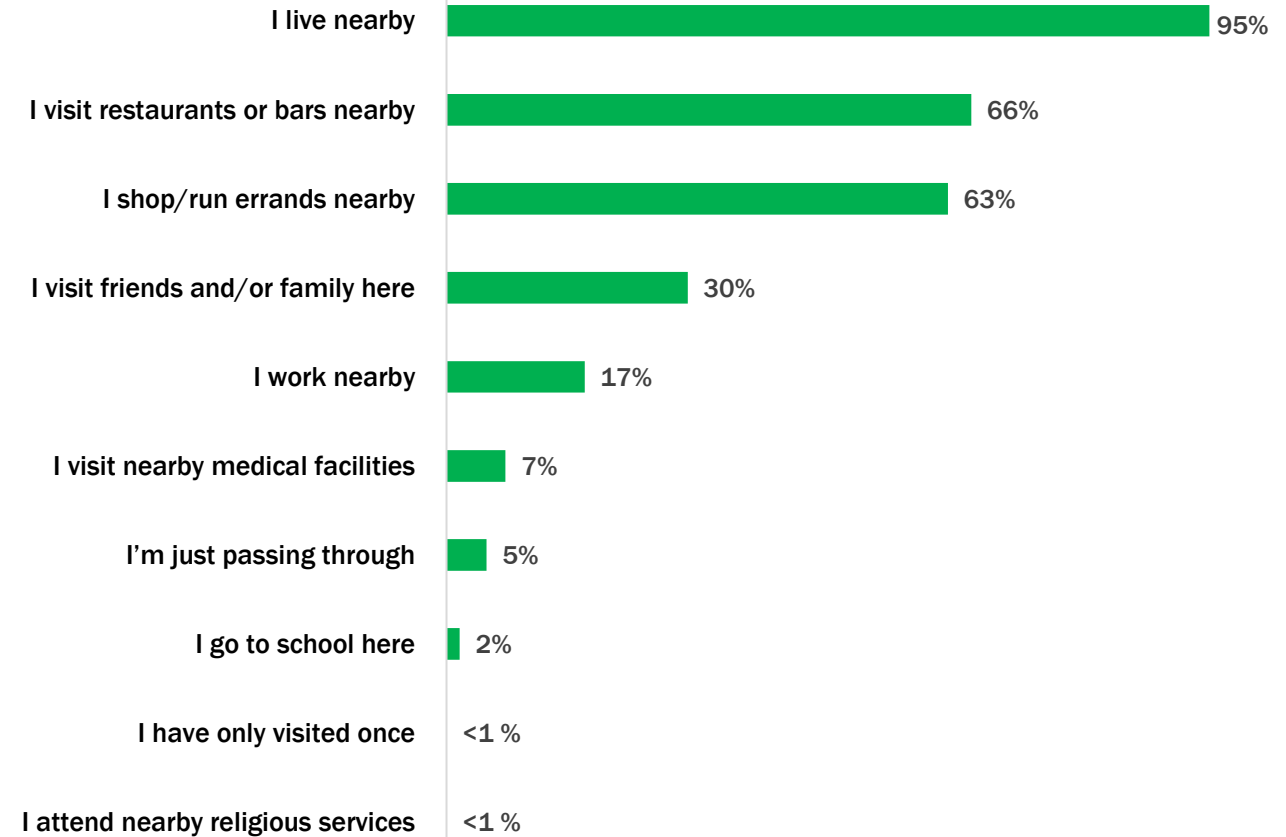
2021 COMMUNITY SURVEY RESULTS

1,468

Community Survey Responses



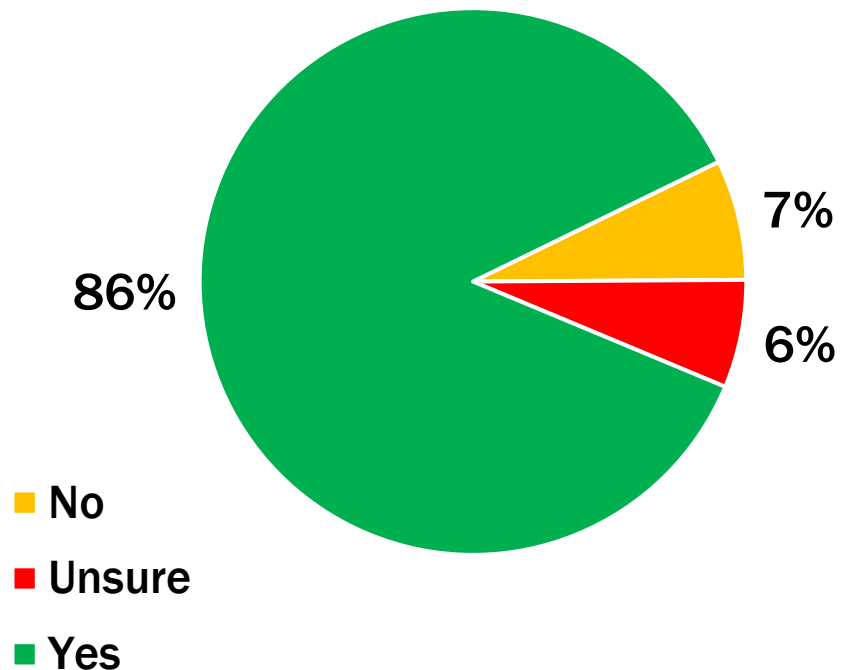
Relationship to Prospect Heights Open Streets



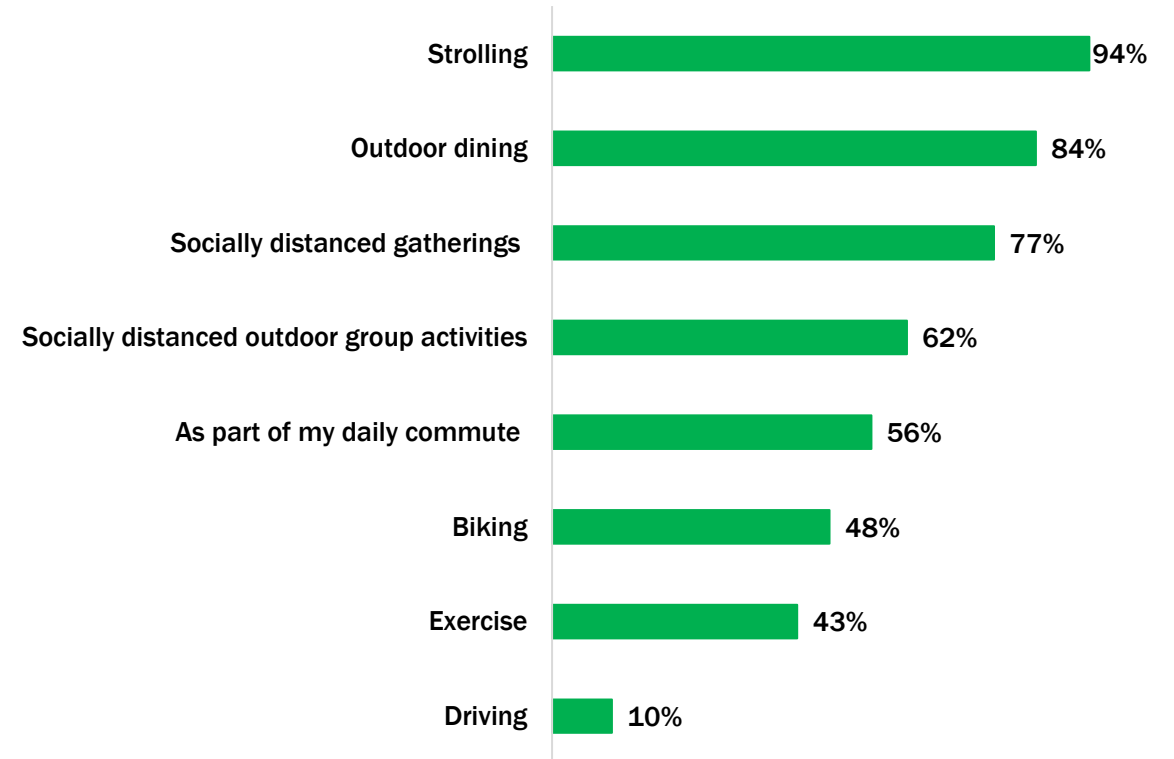
80% of respondents lived within Community Board 8

2021 COMMUNITY SURVEY RESULTS

Would you like to see permanent changes to make Prospect Heights Open Streets pedestrian and/or cycling priority corridors?



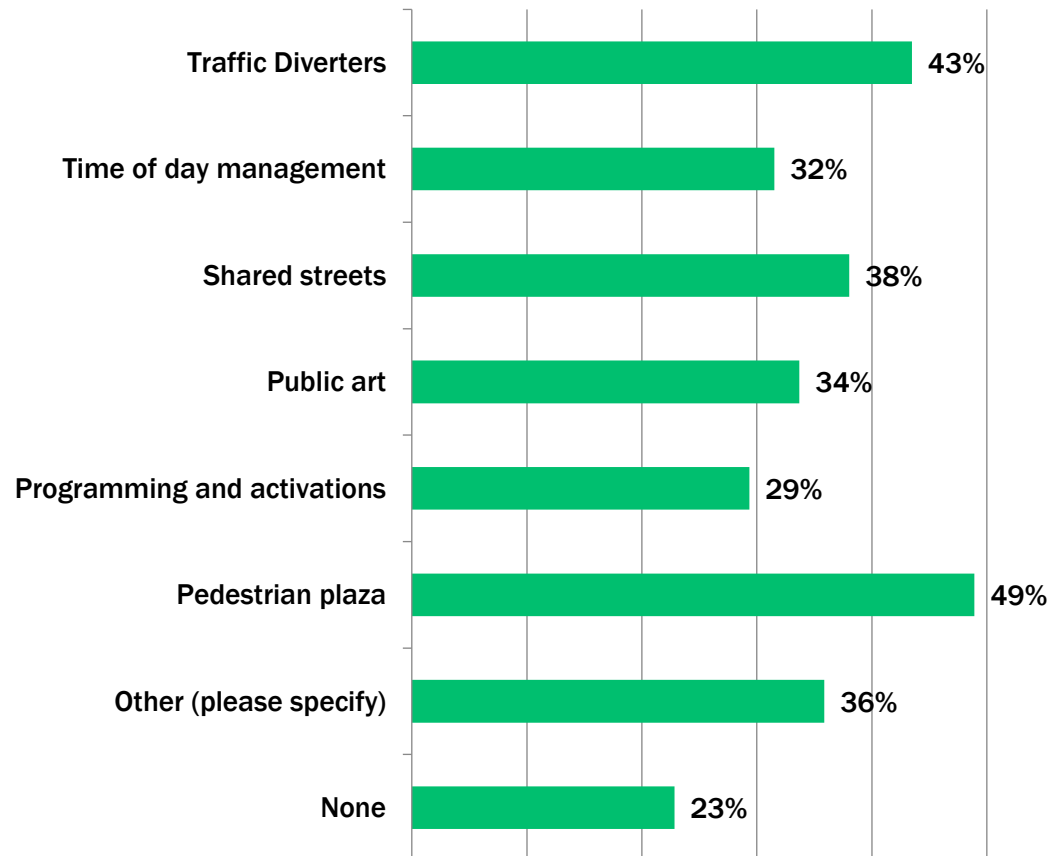
How do you want to use Prospect Heights Open Streets in the future?



Fall '21 Workshops: 9/11, 9/17, & 9/22

Based on the survey feedback, DOT hosted a series of workshops for the community to have an opportunity to suggest the types of public space and transportation tool kit items they'd like to see implemented on the Underhill and Vanderbilt Open Streets.

Which public space tool kit items would you like to see implemented?



Spring '22 Workshops: 5/19, 5/21

Based on the previous workshop feedback, DOT hosted another series of workshops for the community to have offer comments on design proposals for the Underhill and Vanderbilt Open Streets.

Underhill Avenue

- Strong desire to see design solutions that codify bike and pedestrian priority
- Need for dedicated loading and delivery space on the corridor
- Positive feedback on removing metal barriers as a tool kit solution

Vanderbilt Avenue

- Strong desire to see design solutions that reflect full closure operations on weekends
- Need for dedicated loading and delivery space on the corridor
- Positive feedback on improving Atlantic & Vanderbilt intersection



From 234 Survey Comments



Design Proposals & Operational Considerations



Vision Zero & Crash Data



- Vision Zero is a citywide initiative to eliminate death and serious injuries from traffic incidents.
- Vanderbilt Ave and Underhill Ave fall within a Vision Zero Priority Area
- Vision Zero Priority Intersections located at Vanderbilt/Bergen, Vanderbilt/St Marks, Vanderbilt/Prospect, Vanderbilt/Park, and Underhill/St Marks

Underhill Ave Crash Data 2016 to 2020 (Atlantic Ave to Eastern Pkwy)

Injury Summary, 2016-2020 (5 Years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	28	1	0	1
Bicyclist	12	0	0	0
Motor Vehicle Occupant	96	2	0	2
Other Motorized	0	0	0	0
Total	136	3	0	3

Source: Fatalities: NYCDOT, Injuries: NYSDOT KSI: Persons Killed or Severely Injured

- KSI – 5.1 per mile
- 2020 saw a drop in crashes when the Open Street was implemented

Vanderbilt Ave Crash Data 2016 to 2020 (Atlantic Ave to Park Pl)

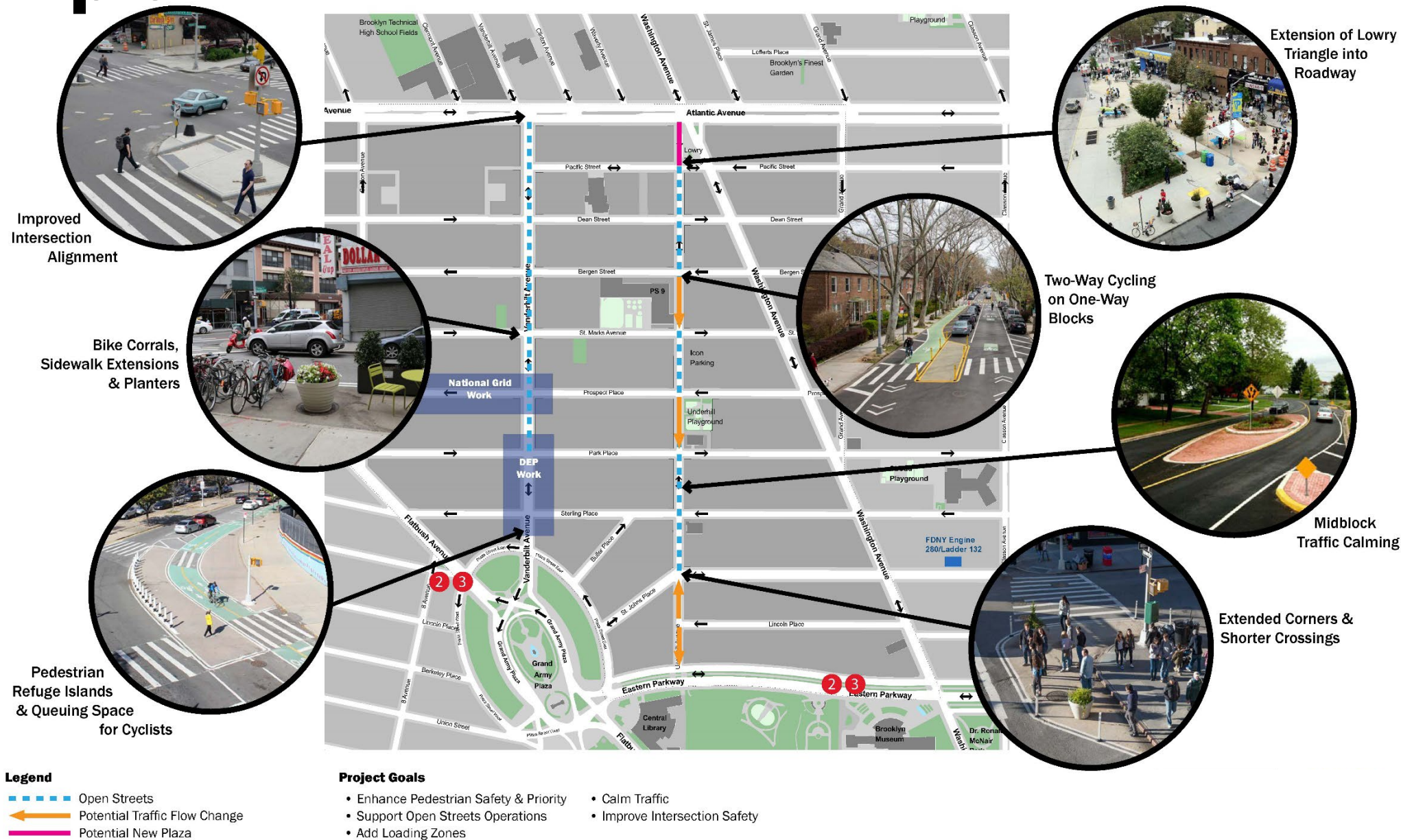
Injury Summary, 2016-2020 (5 Years)

Mode	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	28	1	0	1
Bicyclist	39	4	0	4
Motor Vehicle Occupant	121	5	0	5
Other Motorized	0	0	0	0
Total	188	10	0	10

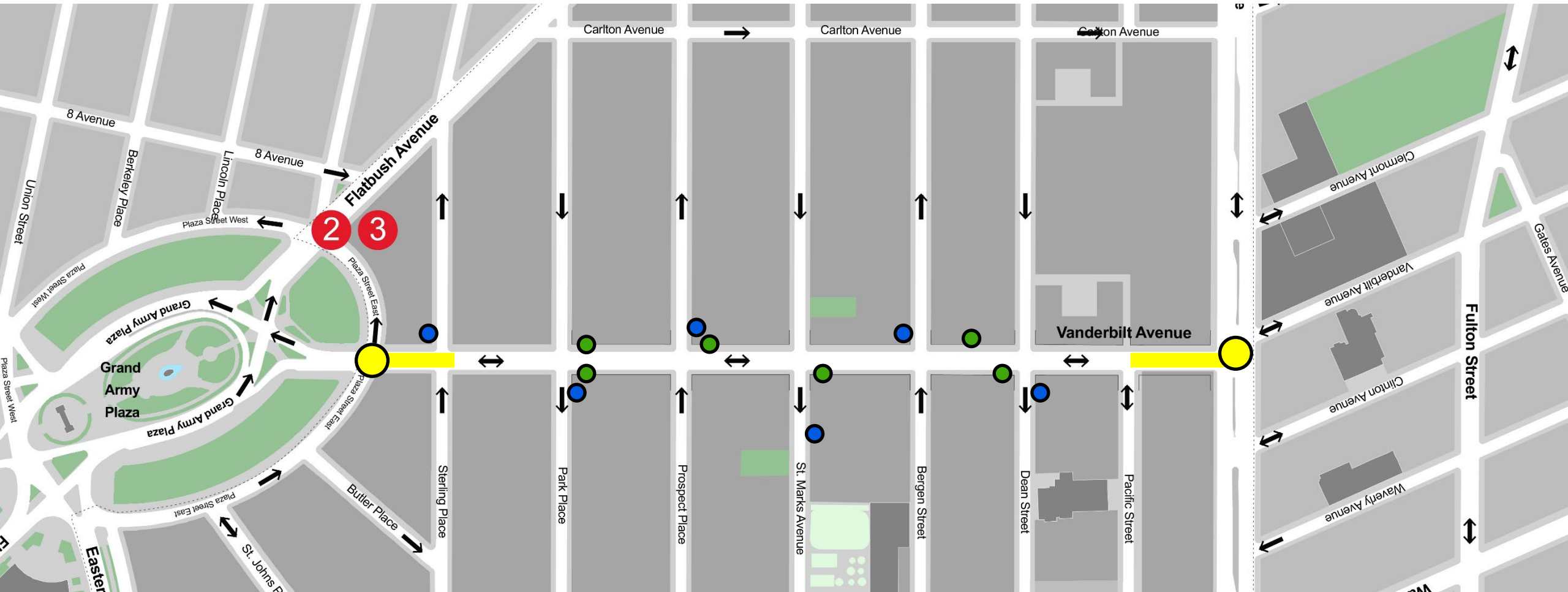
Source: Fatalities: NYCDOT, Injuries: NYSDOT KSI: Persons Killed or Severely Injured

- KSI – 28.1 per mile
- Top 10% KSI in all of Brooklyn
- 2020 saw a drop in crashes when the Open Street was implemented

Overall plan

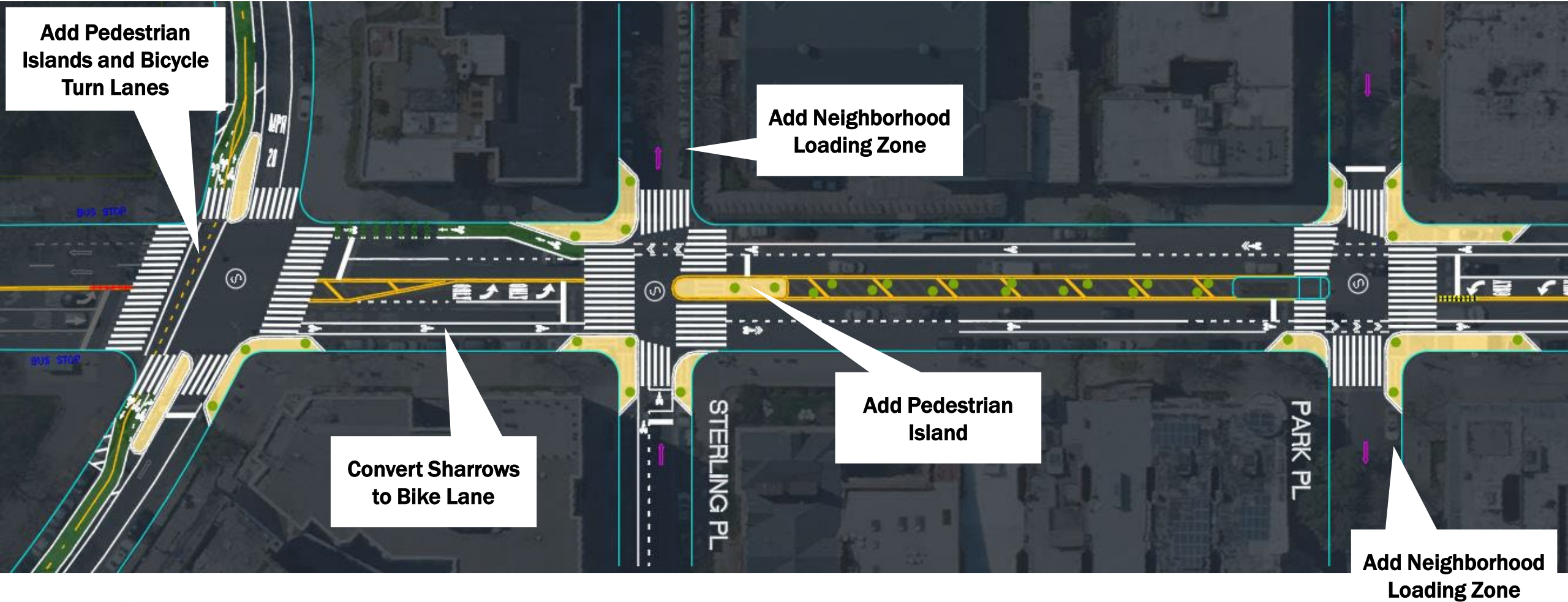


Vanderbilt Proposal

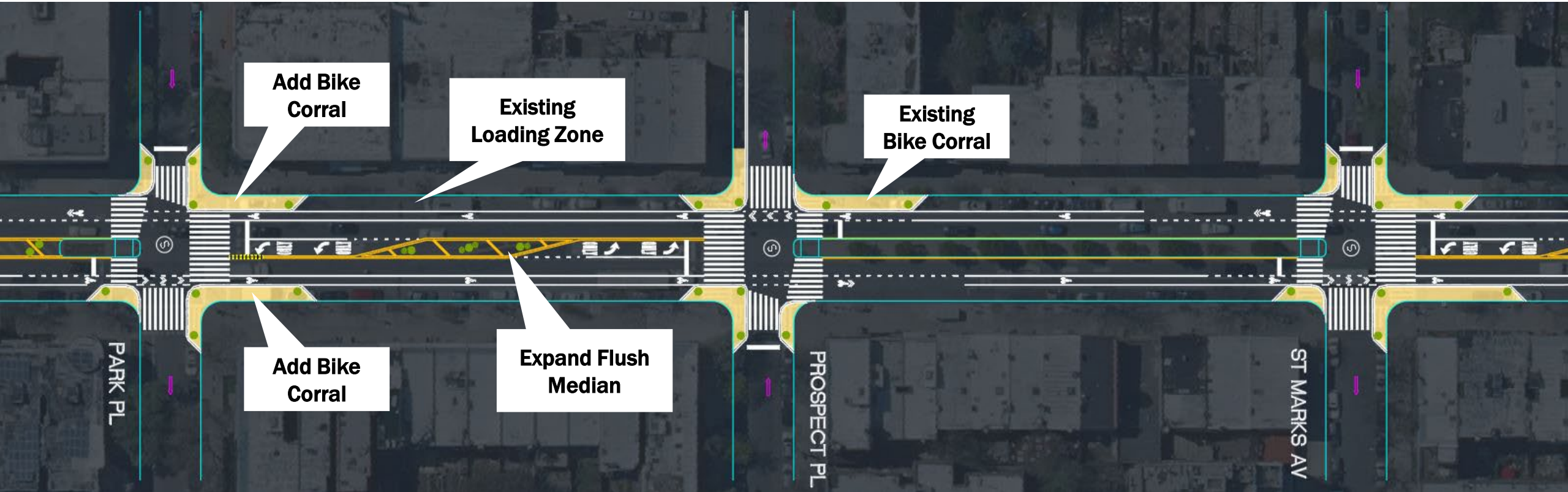


-  Gateway Intersection Safety Upgrades
-  Improved Cross Sections
-  Neighborhood Loading Zones
-  Bike Corrals

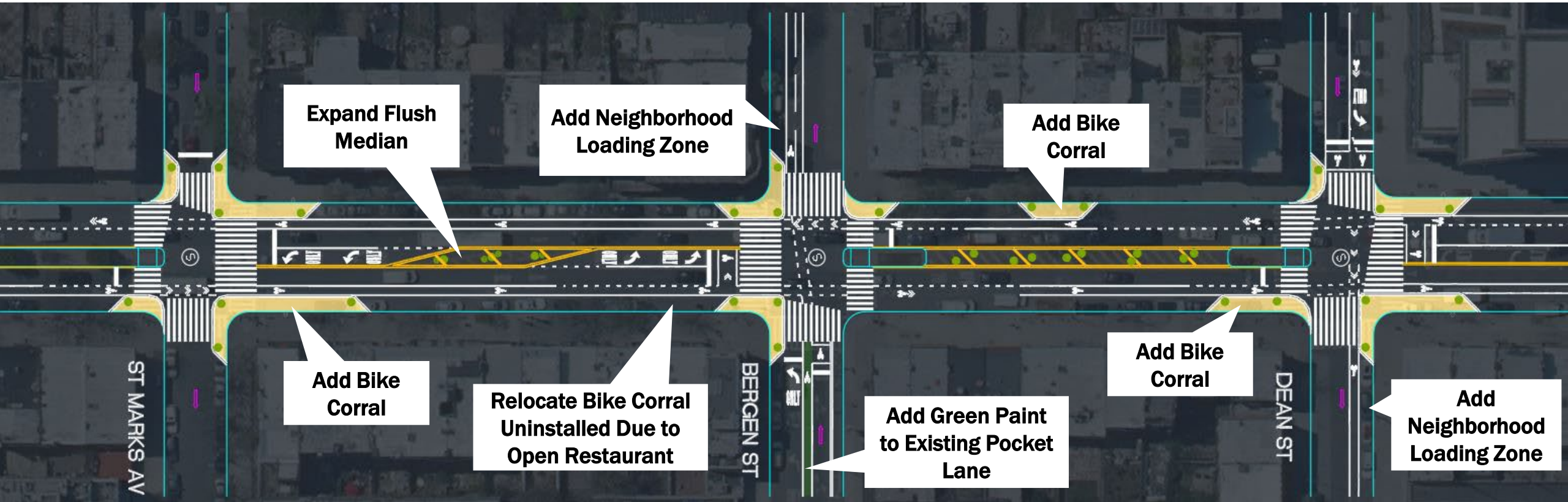
Vanderbilt Proposal (Plaza St to Park Pl)



Vanderbilt Proposal (Park Pl to St Marks Av)



Vanderbilt Proposal (St Marks Av to Dean St)



Vanderbilt Proposal (Dean St to Atlantic Av)

**Design Dependent on
Pending Traffic Analysis**

**Improve Vehicle
Alignment thru
Intersection**

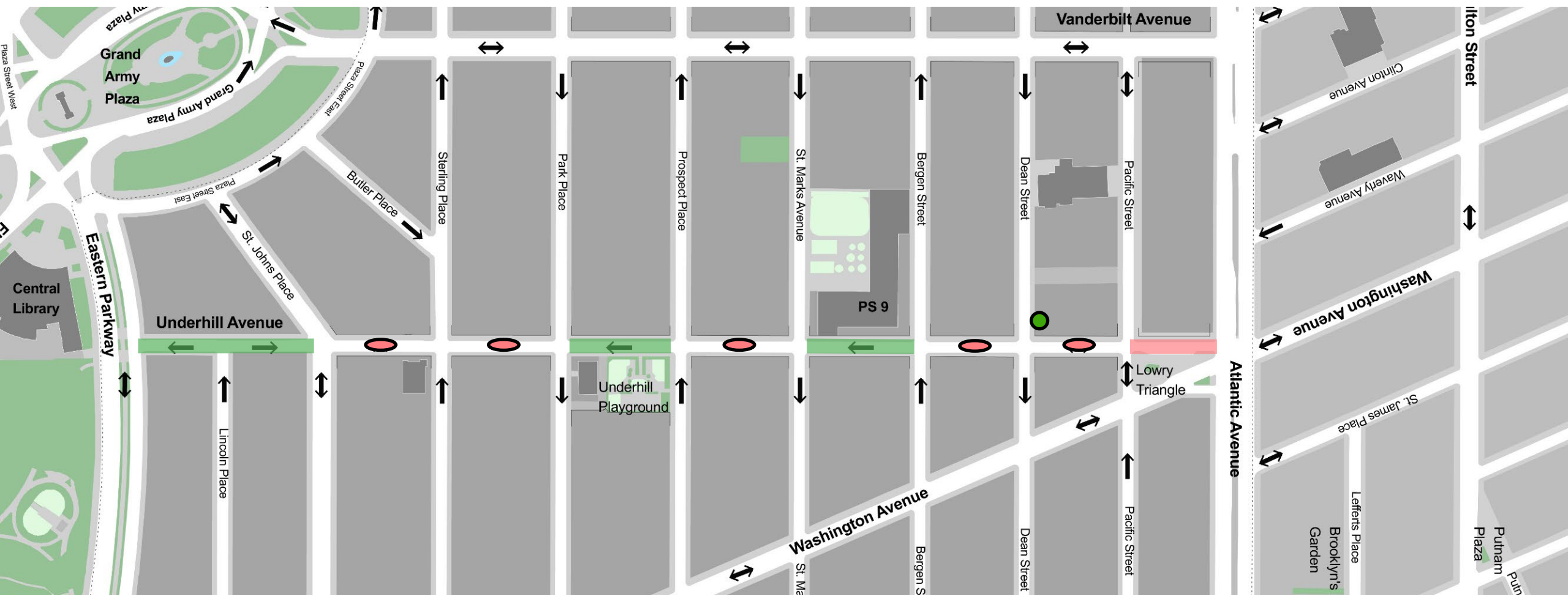
**Adjust Signal
Phasing**

**Remove Right
Turn Lane, Add
Offset Crossing**

**Remove Left
Turn, Extend
Median thru
Crosswalk**



Underhill Bike Boulevard Proposal



- Full Closure Blocks for Expanded Plaza Space**
- One-way Blocks with Two-way Cycling and Additional Pedestrian Space**
- Two-way Blocks with Median Traffic Calming**
- Bike Corrals**

Underhill Bike Boulevard Proposal



What is a Bike Blvd?

Corridor designated and designed for bicycle travel

- Calms traffic for all road users (pedestrians, cyclists, and vehicles) with set of design interventions
- Underhill proposal builds on the success of Open Streets and codifies design for pedestrian/bike priority

Design elements include:

- Route planning: direct access to destinations
- Speed and traffic volume management: slow vehicle speeds and reduce vehicle volumes
- Signs, wayfinding, pavement markings easy to find /follow
- Street crossings: minimal cyclist delay at minor street crossings. Safe and convenient crossings at major streets



- Full Closure Blocks for Expanded Plaza Space
- One-way Blocks with Two-way Cycling and Additional Pedestrian Space
- Two-way Blocks with Median Traffic Calming
- Bike Corrals

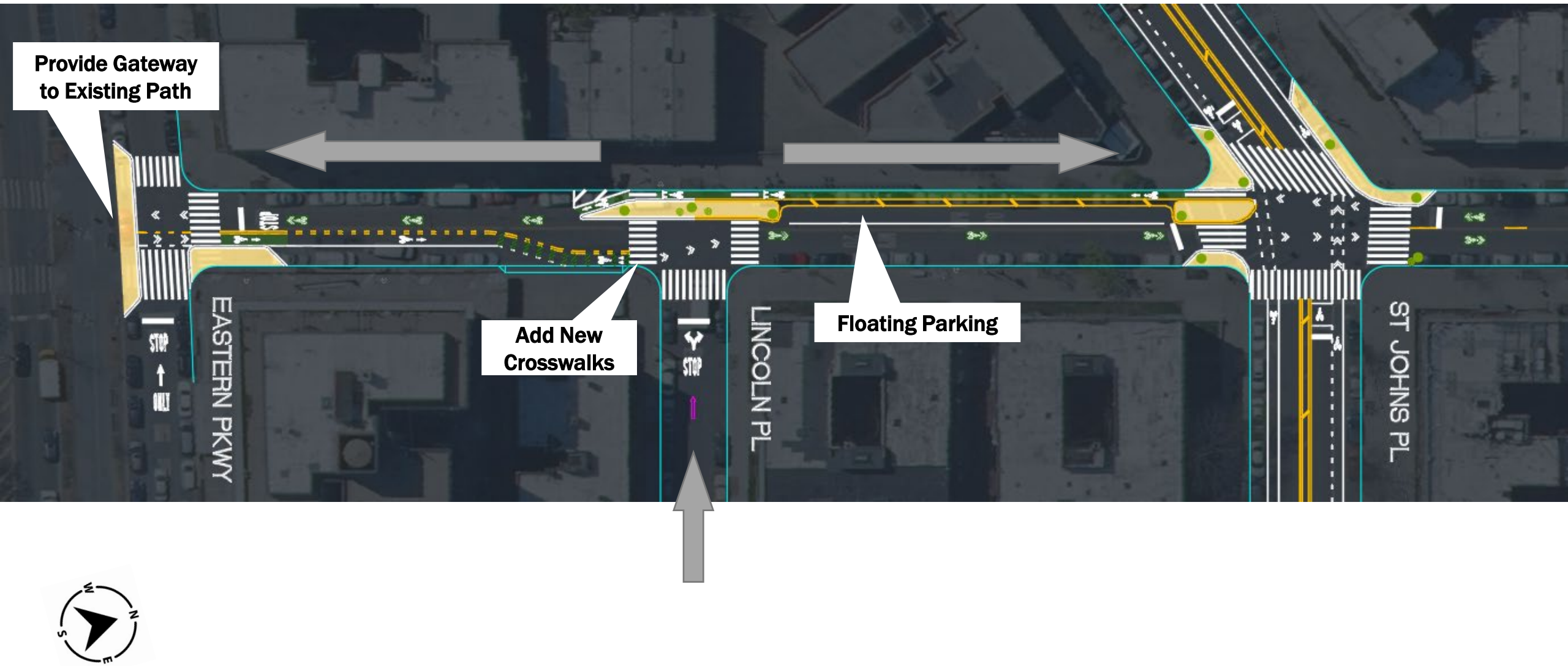
39th Ave Bike Blvd, Queens



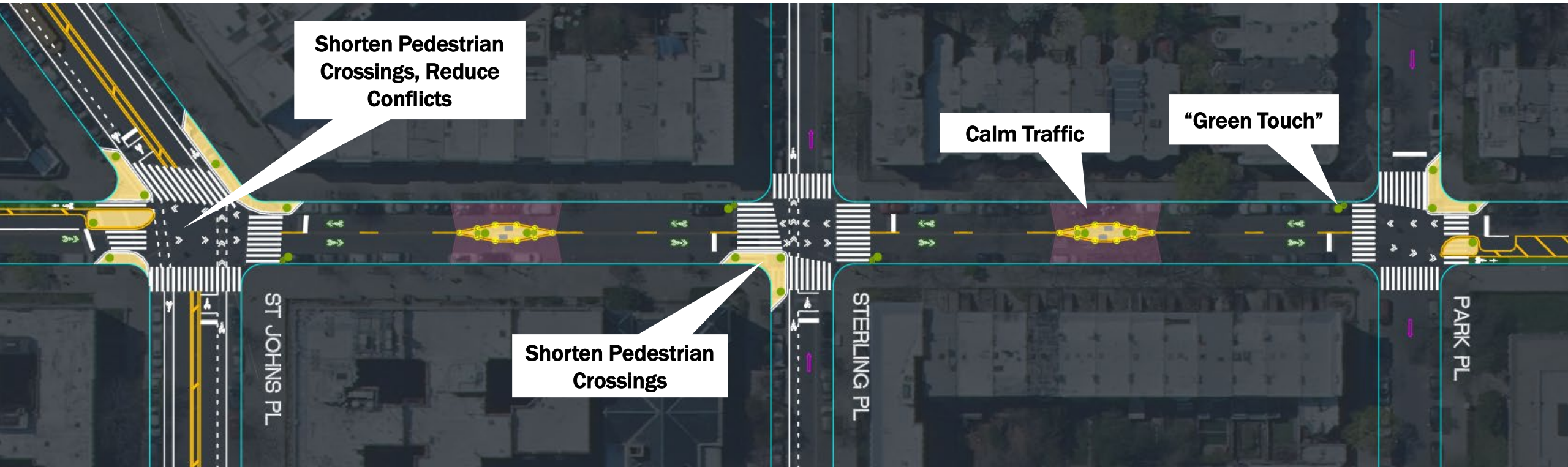
39th Ave Bike Blvd, Queens



Underhill Proposal (Eastern Pkwy to St Johns Pl)



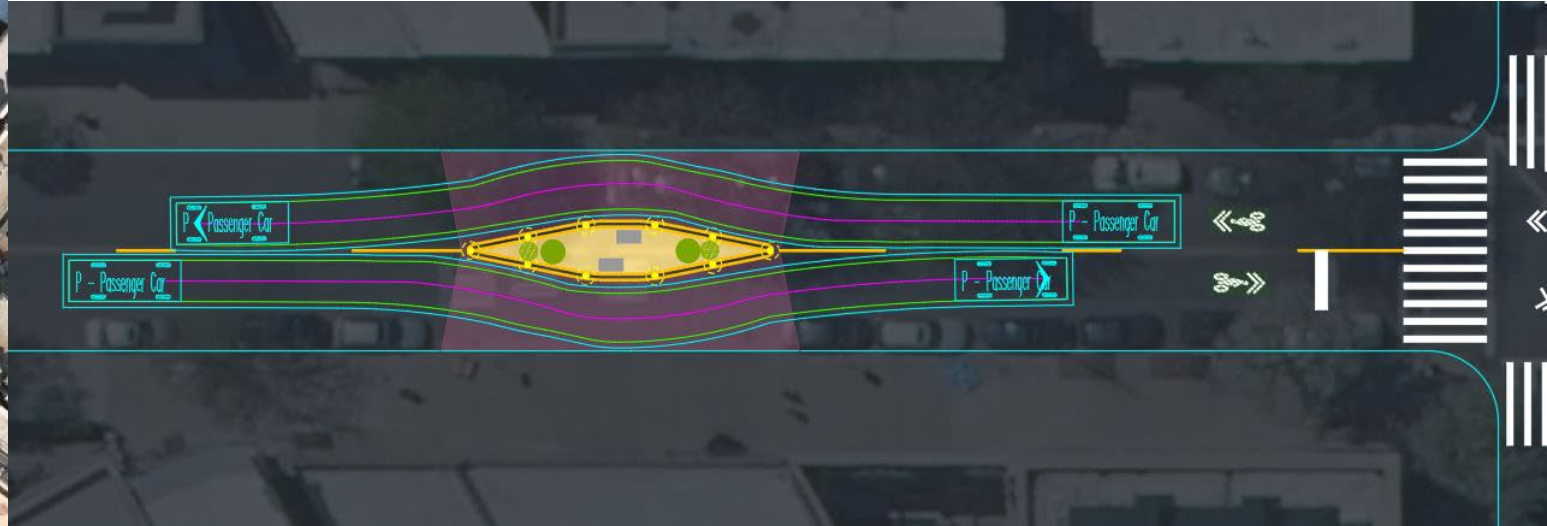
Underhill Proposal (St Johns Pl to Park Pl)



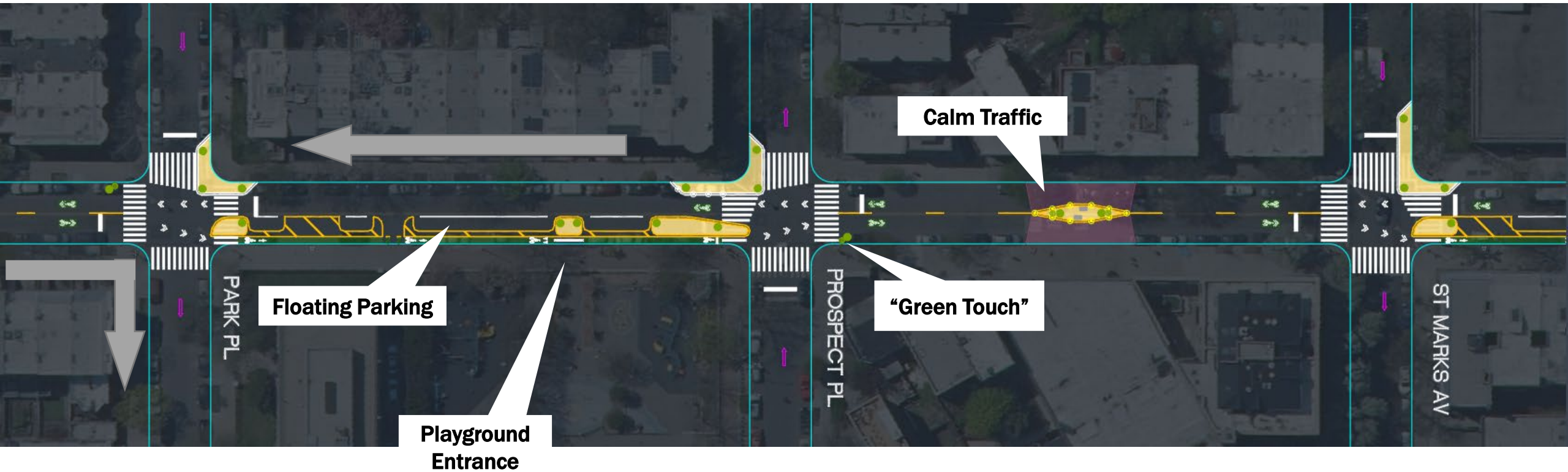
Underhill Proposal (Median Traffic Calming)



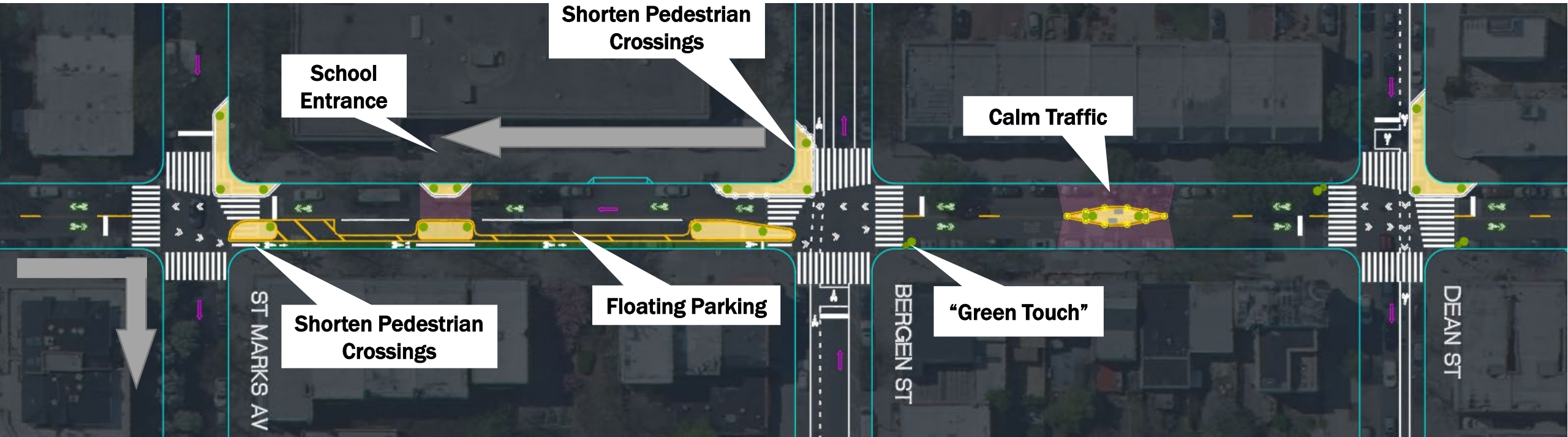
6th Av @ 21st St (Bk)



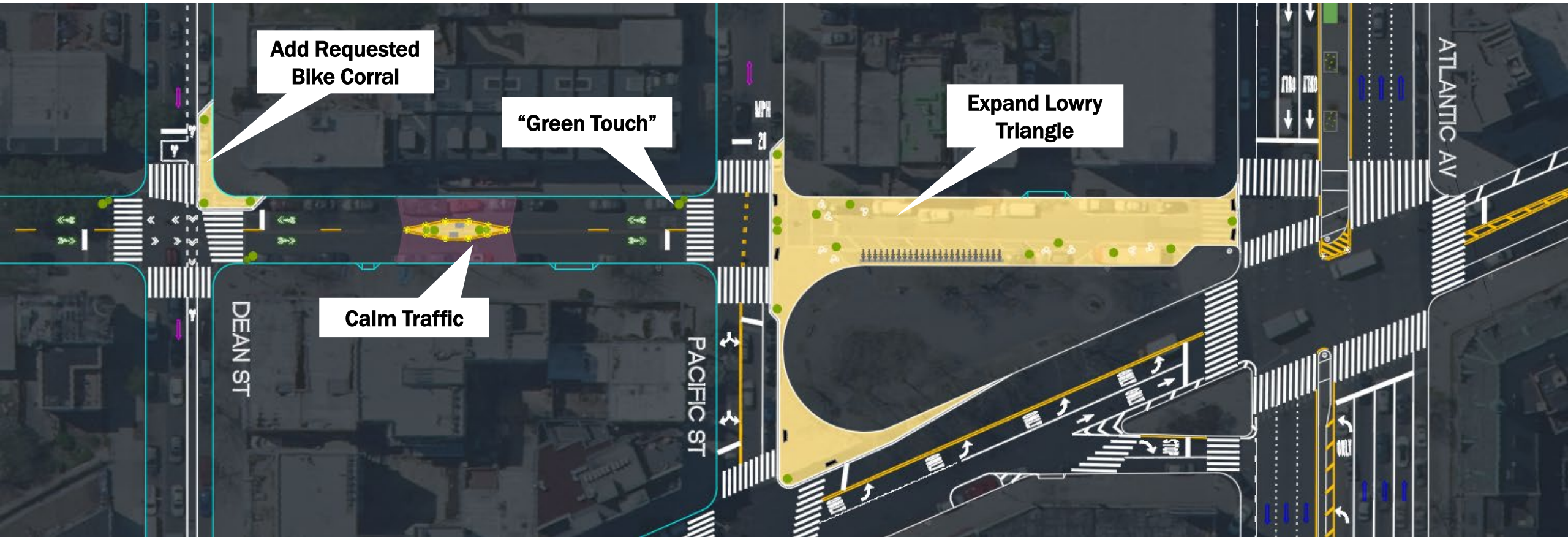
Underhill Proposal (Park Pl to St Marks Av)



Underhill Proposal (St Marks Av to Dean St)



Underhill Proposal (Dean St to Atlantic Av)



Delivery Access and Curb Management

Problem



Solution



Shared Streets – Union Square



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Plazas – Jitu Weusi Plaza



Street Furniture - Lower East Side



LOOKING AHEAD & NEXT STEPS

Community Board 8 Update – Summer ‘22

- Present 2022 projects to Community Board for final feedback

Community Board 8 Update – September ‘22

- Present final traffic study items to Community Board

Project Implementation – Summer/Fall ‘22

- Implement public space and traffic calming projects based on community feedback and traffic data
- Continue developing a traffic network and public realm plan for Prospect Heights
- Release a post implementation feedback survey





THANK YOU!

Email openstreets@dot.nyc.gov with any questions or concerns

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