

# Brooklyn Waterfront Greenway **SUNSET PARK UPLAND CONNECTORS**

Workshop 3: Proposed Projects and Prioritization  
February 2, 2017



**Department  
of State**



# Workshop 3 Agenda

- **Presentation (15 min)**
- **Participation (40 min)**
  - Detailed review of proposed projects; questions and comments
  - Discuss project prioritization
- **Wrap Up (10 min)**
  - Share your groups main comments and prioritization



# Presentation Overview

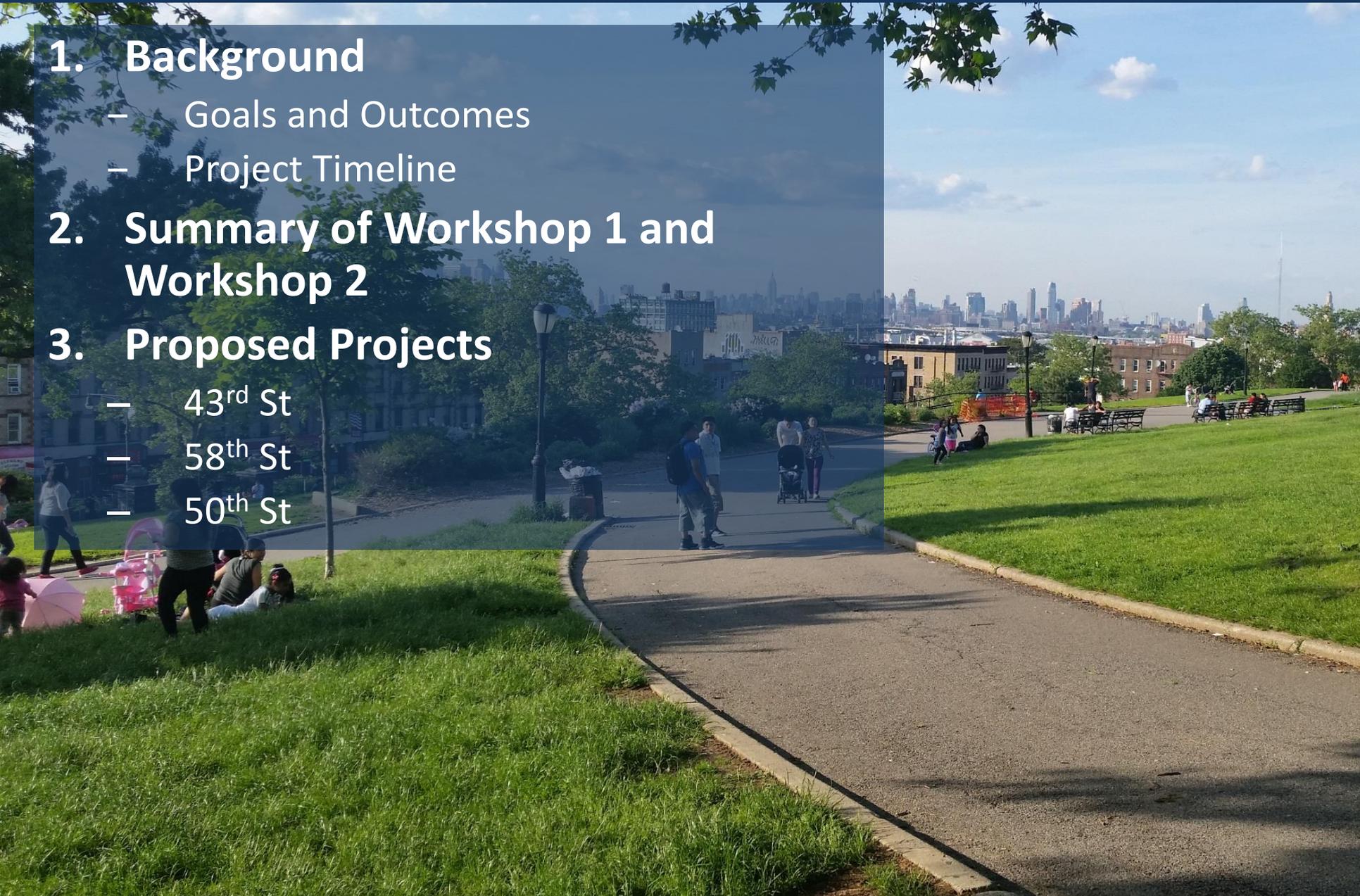
## 1. Background

- Goals and Outcomes
- Project Timeline

## 2. Summary of Workshop 1 and Workshop 2

## 3. Proposed Projects

- 43<sup>rd</sup> St
- 58<sup>th</sup> St
- 50<sup>th</sup> St



# 1.) Background



**Waterfront:**  
*Industrial Jobs  
New Park  
Planned Greenway  
Proposed Ferry  
Service*

**Bush  
Terminal  
Park**

**Brooklyn  
Waterfront  
Greenway**

**Owl's  
Head  
Park**

**Shore Rd  
Promenade**

**Sunset  
Park**

**Upland  
Neighborhood:**  
*Residential Core  
Commercial Center  
Subway*



29th St

4th Ave

# 1.) What are *Upland Connectors*?

## Background



***Upland Connectors* are streets that:**

- Provide increased **safety** for all street users
- Used for **transportation and recreation**
- Connect and provide **green space**
- Work with neighborhood needs and **industrial uses**



# 1.) Project Goals and Outcomes

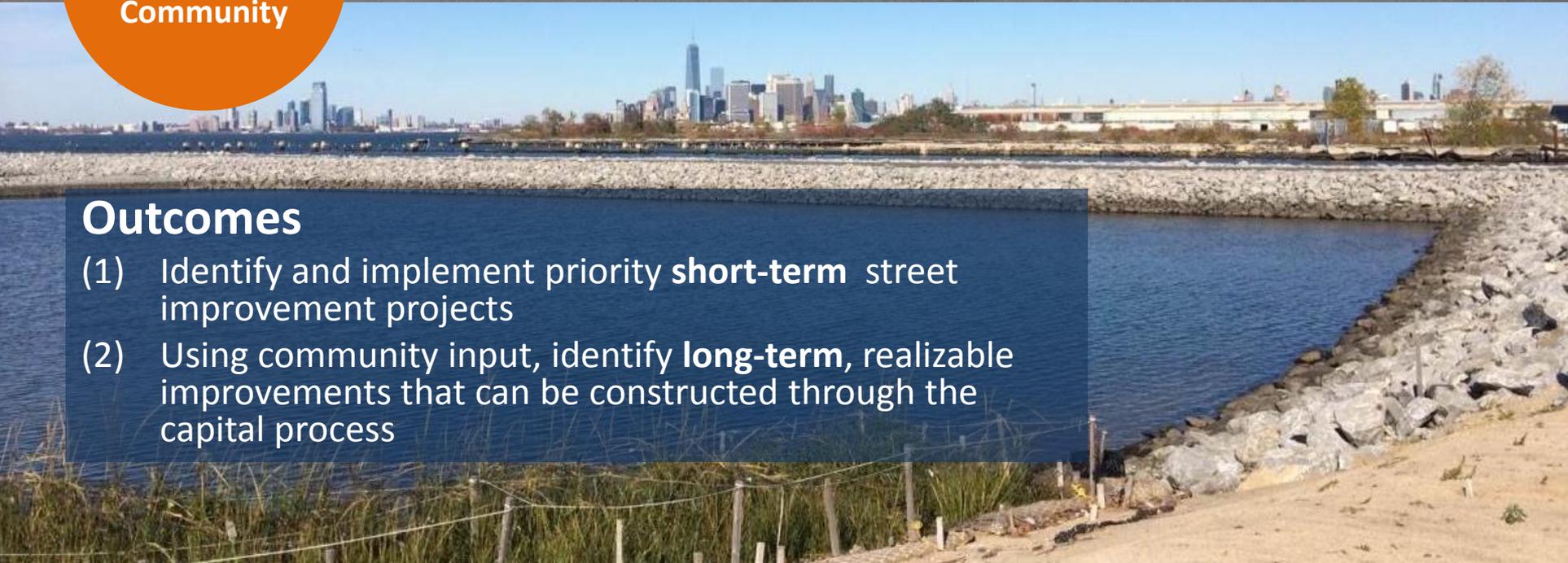
## Background



### Goals

- (1) Establish *Upland Connectors*
- (2) Improve safety for all street users
- (3) Create “greener” streets

Working  
with the  
Community



### Outcomes

- (1) Identify and implement priority **short-term** street improvement projects
- (2) Using community input, identify **long-term**, realizable improvements that can be constructed through the capital process

# 1.) Project Timeline

## Background

### Community Outreach and Planning Process

Introductory Community Meeting	April 2, 2015
Community Engagement	Summer 2015
Workshop I: Existing Conditions and Potential Routes	October 28, 2015
Workshop II: Potential Street Designs	April 16, 2016
<b>Workshop III: Proposed Projects and Prioritization</b>	<b>February 2, 2017</b>
Final Plan	Spring 2017
Documentary	Spring 2017



# 1.) Project Study Area

## Background

### Bounded by:

- Waterfront
- 5<sup>th</sup> Ave
- 29<sup>th</sup> St
- Shore Rd



## 2.) Workshop 1 Summary

- Where do you/would you like to go?
- What are some of the key destinations? Jobs? Transit?
- Which streets best connect key destinations?



# 2.) Workshop 1 Summary

Community Feedback, Major Destinations Highlighted



Brooklyn Army Terminal



4th Ave Transportation



Sunset Park

# 2.) Workshop 2 Summary

## Selected Upland Connector Routes

- Using community input collected at the first workshop



# 2.) Workshop 2 Summary

## NYC DOT Street Improvement Toolkit

**Upland Connectors**      **Project Goals - Short Term**

**Pedestrian Safety Improvements**



Pedestrian Islands



Neck Downs

**New Bicycle Facilities**



Bike Lanes



Protected Paths

**43rd St Connector Potential Design**  
Option A







Existing

Proposed

43rd St — 1st Av to 2nd Av  
30' Curb to Curb

43rd St — 2nd Av to 5th Av  
30' Curb to Curb

*Handwritten notes:*  
- bike lanes + street trees would mitigate flooding problem  
- increased ped space might change hood character too subtle  
- need endorsement for illegal parking under existing  
- talk about parking potential around 1st + 3rd St?

**Upland Connectors**      **Project Goals - Long Term**

**Capital Improvements - Green Infrastructure**



Bioswales



Rain Gardens

**Full Street Reconstruction**



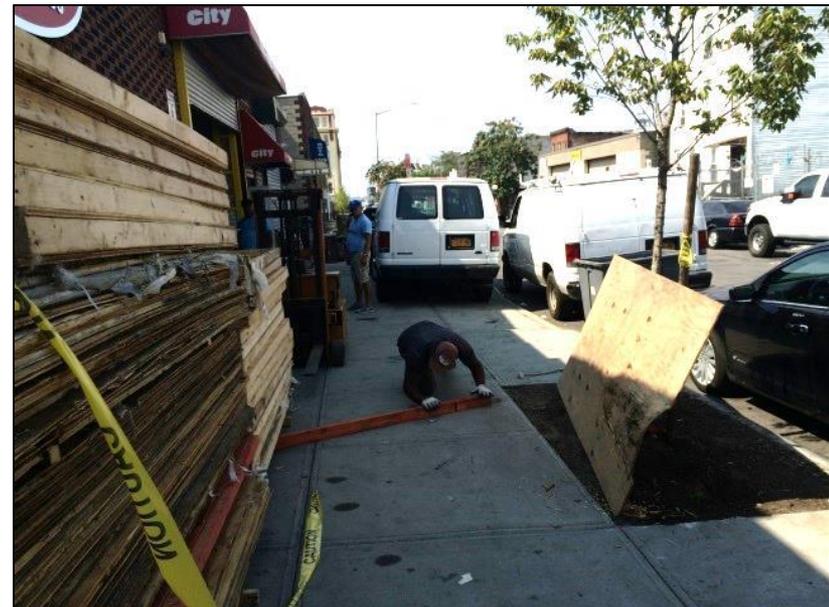

Columbia St - Before      Columbia St - After



# 2.) Workshop 2 Summary

## Issues Identified Along Selected Routes

- ADA accessibility
- Bike and pedestrian conflicts with vehicles
- Blocked sidewalks
- Lack of wayfinding
- Long street crossings
- Poor lighting
- High vehicle speeds



# 3.) Overview of Proposed Projects

Tonight, Workshop 3

- **Targeted Improvements**
  - Potential Intersection Safety Improvements
  - Potential Streetscape Improvements
  - Potential Green Infrastructure Locations
  
- **Proposed Corridor Designs**
  - 43<sup>rd</sup> St/44<sup>th</sup> St
  - 58<sup>th</sup> St/57<sup>th</sup> St
  - 50<sup>th</sup> St/51<sup>st</sup> ST



# 3.) Potential Intersection Safety Improvements

Treatments that can be applied at intersections along each corridor



# 3.) Potential Streetscape Improvements

Identified opportunities to Incorporate:

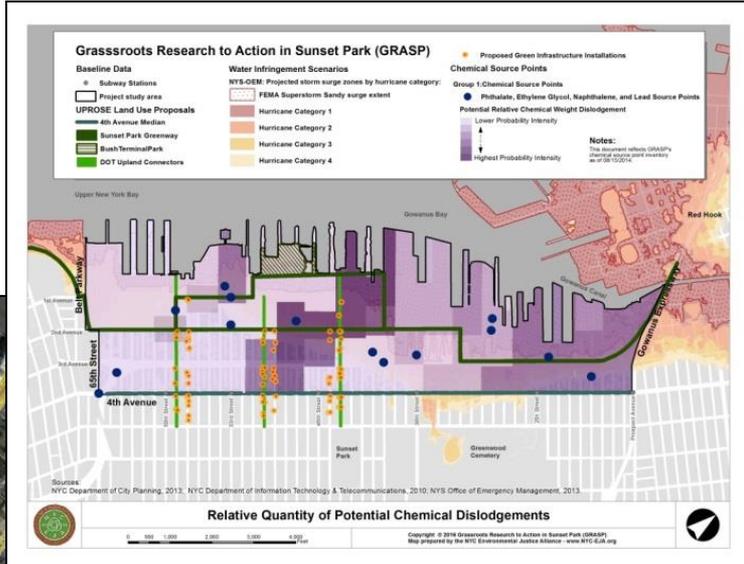
- Expanded pedestrian space
- Create gateways
- Benches/seating
- Wayfinding



Planters and Granite Blocks

# 3.) Potential Green Infrastructure Locations

- NYC DOT Green Infrastructure Unit Analysis
- UPROSE G.R.A.S.P Initiative



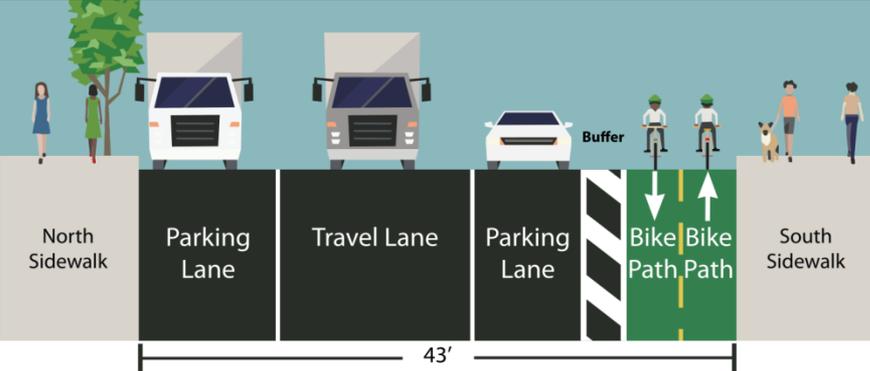
# 3.) 43<sup>rd</sup> St Upland Connector

- Connects Bush Terminal Park to:
  - Sunset Park
  - Subway
  - Bike network
- Street width fluctuates
- Neighborhood character changes
- Different width and street conditions call for different designs

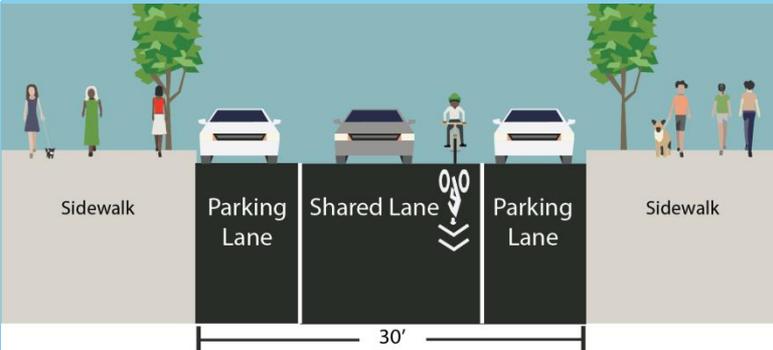


# 3.) 43rd St Connector Proposed Design

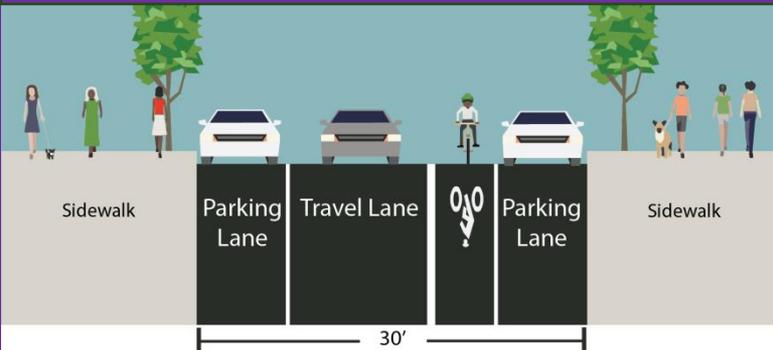
43' Curb to Curb



30' Curb to Curb



30' Curb to Curb



## Park Gateway + 1-way pair

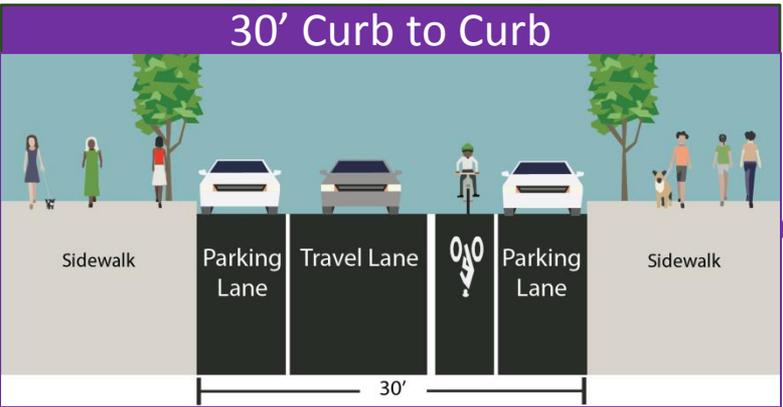
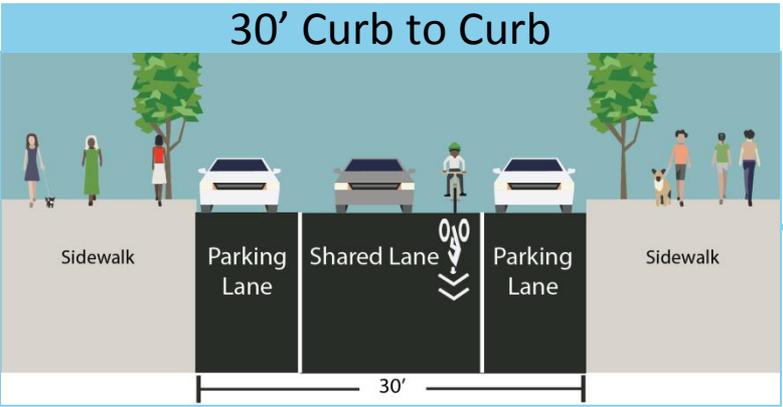
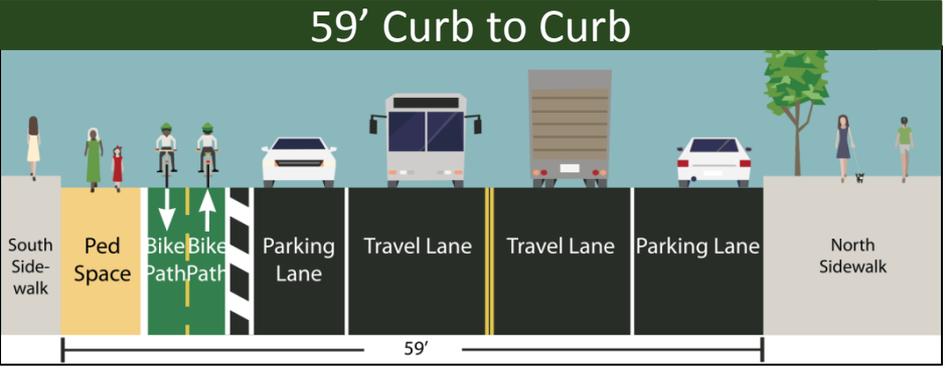
- Protected bike lane complements gateway, enables cyclists to avoid 1<sup>st</sup> Av at 44<sup>th</sup> St
- Add new pedestrian crossing at park entrance
- Consistent bike routes in both directions
- Pedestrian improvements under Gowanus
- Minor impact to parking (2 spaces for day-lighting)

# 3.) 58<sup>th</sup> St Upland Connector

- Connects proposed ferry landing and Brooklyn Army Terminal to:
  - Upland community
  - Subway
  - Bike network
- Street width fluctuates
- Neighborhood character
- Different width and street conditions call for different designs



# 3.) 58th St Connector Proposed Design



58th Street Pier, Brooklyn Army Terminal, Martin Luther King Playground, Sunnyside Y, 1 Ave, 2 Ave, 3 Ave, 4 Ave, 5 Ave, 6 Ave, 7 Ave, 8 Ave, 49 St, 55 St, 60 St, 68 St, Wakeman Pl, Bay Ridge

## Pier Gateway + 1-way pair

- Creates gateway to pier and BAT entrance
- Adds pedestrian space to meet demand
- Pedestrian improvements under Gowanus
- Consistent bike routes in both directions
- Minor impact to parking (2 spaces for day-lighting)

# 3.) 50<sup>th</sup> St Upland Connector

- Connects planned park entrance to upland community

## Issues

- No sidewalks
- Heavy industrial corridor
- Irregular street grid



58th Street Pier

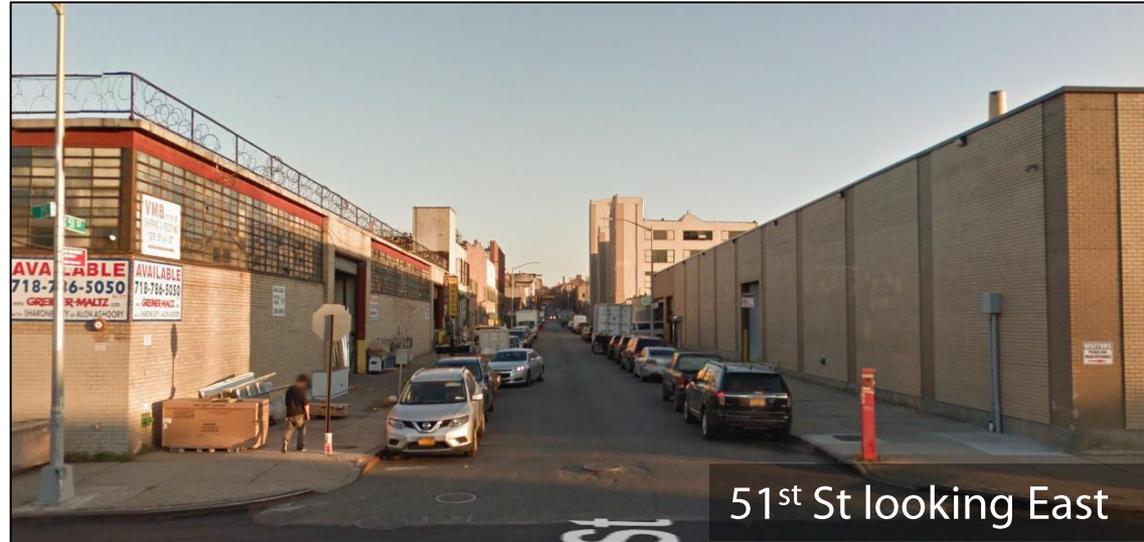


50<sup>th</sup> St, looking west

# 3.) 50<sup>th</sup> St Connector Proposed Design

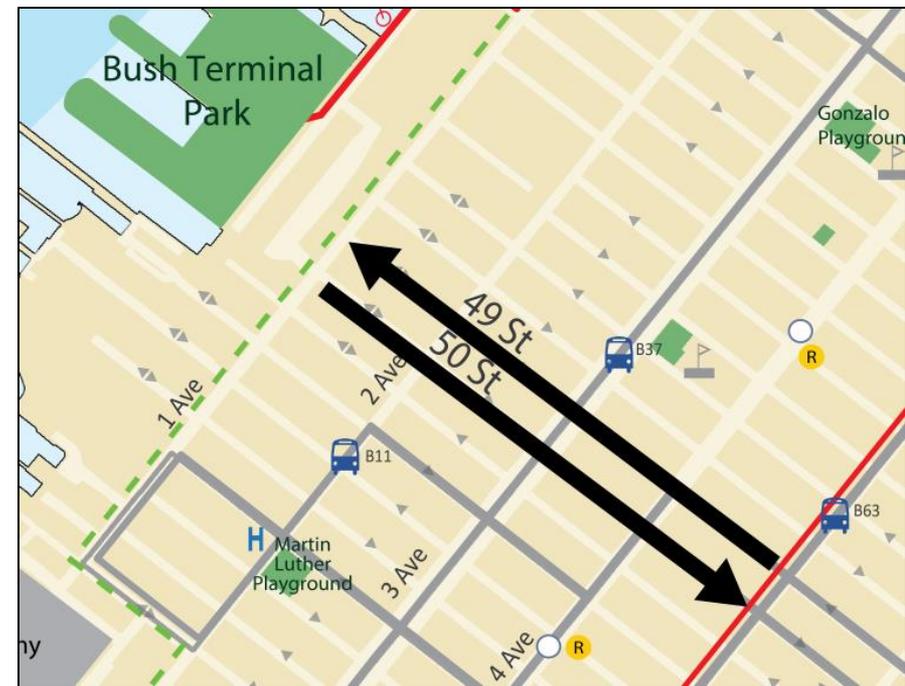
## Interim Solution

- Track proposed second opening to Bush Terminal Park
- Install wayfinding to guide pedestrians to 51<sup>st</sup> St where sidewalks exist



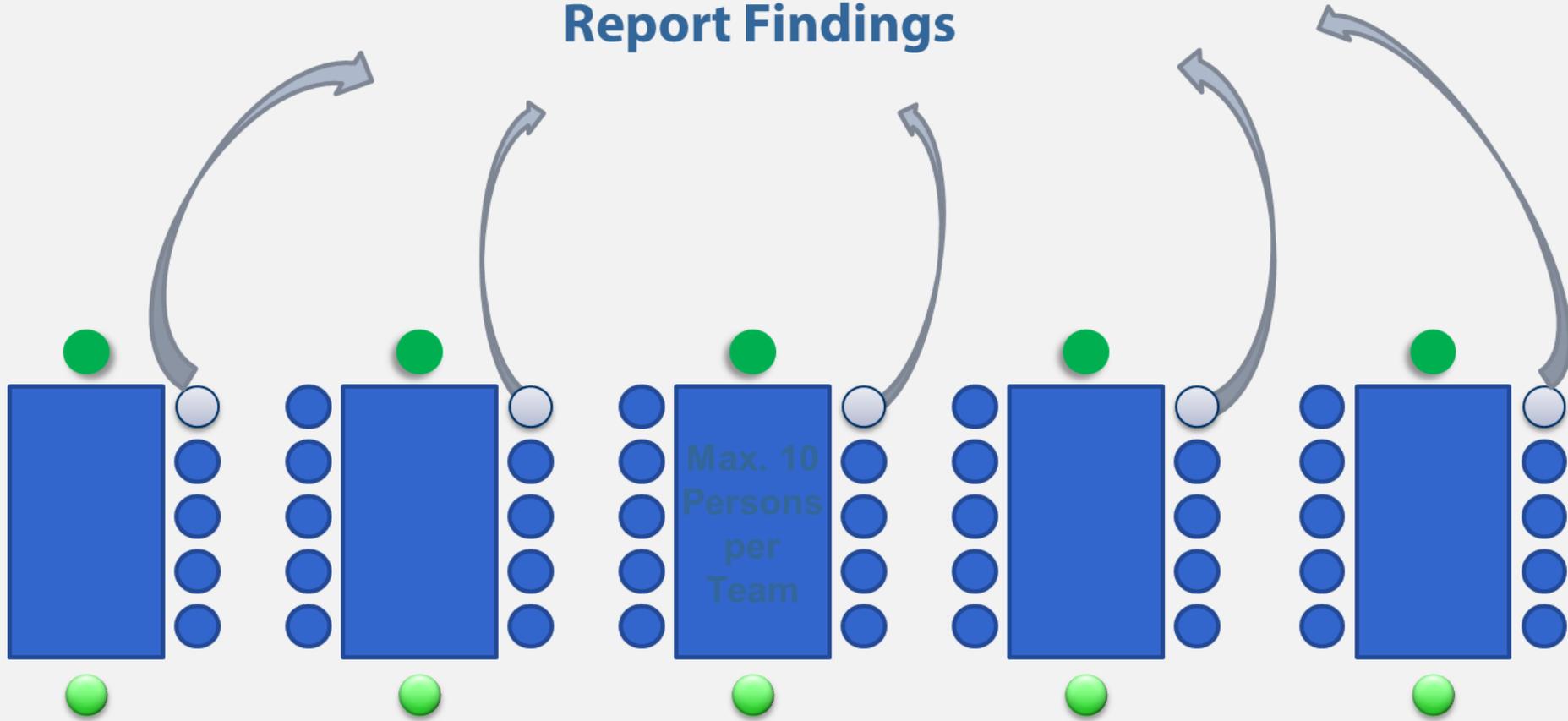
## Long-term solution

- Pursue funding for roadway and sidewalk Capital reconstruction
- Address pedestrian and bike connections in Capital Project



# Breakout Sessions

## Report Findings



-  **Facilitator**
-  **Team Leader**
-  **Recorder**

Discuss 43<sup>rd</sup> St Connector – 15 min  
Discuss 58<sup>th</sup> St Connector – 15 min  
Discuss 50<sup>st</sup> St Connector – 10 min  
Report Back – 10 min



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**Thank  
you!**