

Sunnyside Yard Master Plan Mobility Workshop

1 May 2019

NYCEDC

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Agenda

1. Introductions
2. Master Plan Background
3. Travel in Western Queens & NYC Today
4. How Could We Get Around Differently?
5. Participant Activity

The Master Planning Process

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Overall Process



Master Plan Schedule

Master Plan Schedule:

Ongoing:

Stakeholder Engagement (Steering Committee, Public Meetings, Workshops, Interviews, Pop-up Events)

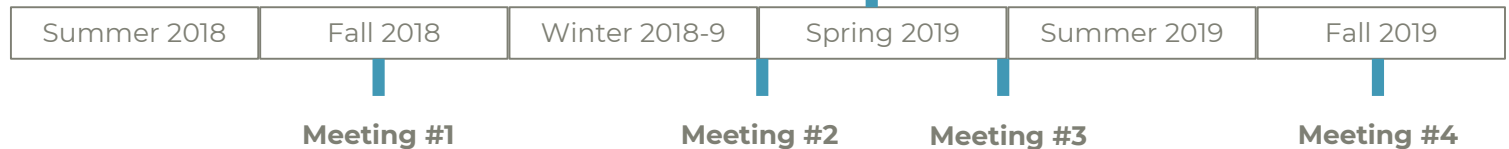
Part 1:
Due Diligence &
Background
Analysis

Part 2:
Using input from stakeholder
engagement meetings, iterative
analysis of site scenarios for the
Master Plan

Part 3:
Develop master plan
concept and identify
Phase 1 location.

Part 4:
Final
Production for
Public
Release

We are here!



Tentative Public Meeting Schedule:

Stakeholder Engagement Update

Nearly **400** people attended the first Public Meeting

200+ people attended the second Public Meeting

100+ interviews with local stakeholders

Dozens of small group discussions

Tabling at local events throughout the summer



Stakeholder Engagement: Workshops

4/8: Urban Design

4/9: Open Space

4/30: Sustainability &
Green Infrastructure

**5/1: Transportation &
Mobility**



Stakeholder Engagement: Summer Events

The team will be present at events throughout the summer. Please let us know if there are any you think we should attend!



Guiding Principles

Sunnyside Yard: A 21st Century Neighborhood for Western Queens

1. Design infrastructure and transportation systems to meet current needs and anticipate future trends
2. Address the neighborhoods' needs for affordable housing, commercial, industrial, community services, and cultural spaces
3. Ensure sustained economic diversity in the community
4. Pilot and incorporate innovative approaches to technology, sustainability, and climate change adaptation
5. Create public spaces that support health, creative expression, community-building and quality of life
6. Create more good jobs that lead to careers and workforce development strategies like union jobs, MWBE, local hiring, etc.
7. Support creative approaches to education, careers, and industries that envision how we want to live and work in the future
8. Respect and build on the heritage and diversity of the surrounding neighborhoods
9. Ensure high-quality, human-centered design at every scale
10. Adapt to evolve with the needs of Western Queens and NYC over time

Sunnyside Yard Master Plan Project Overview

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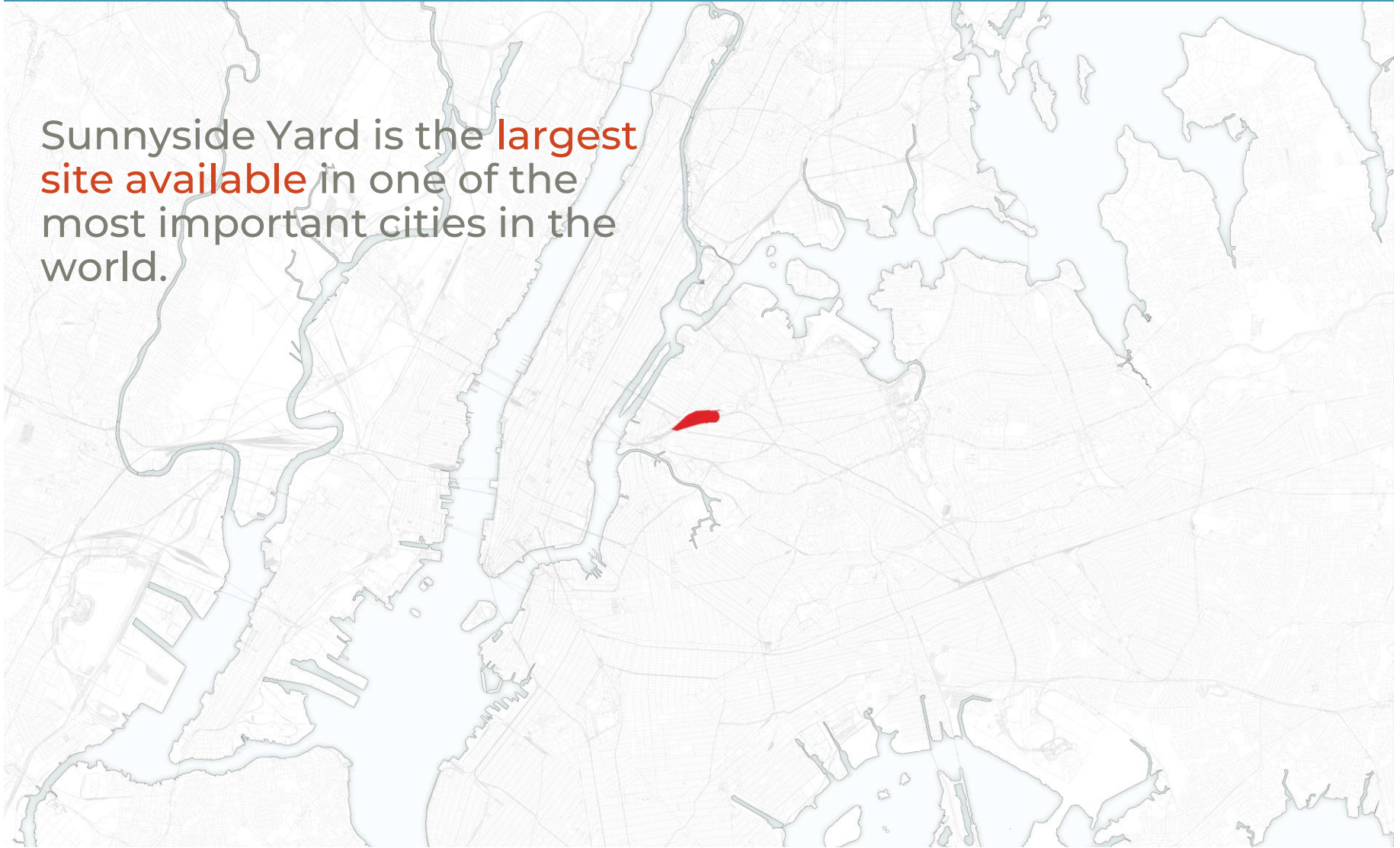


Master Plan Update

Why Deck Over Sunnyside Yard?

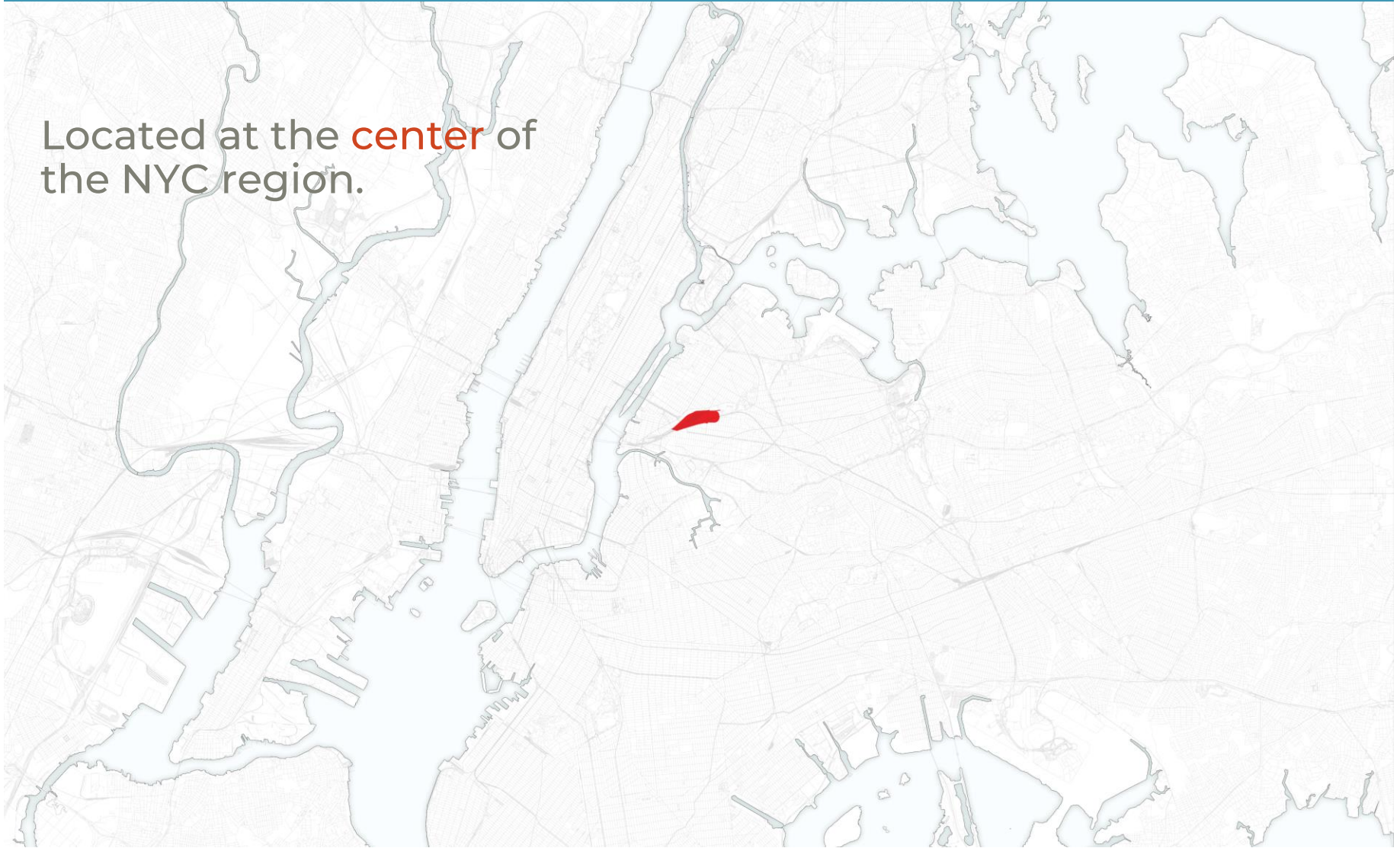
Master Plan Update

Sunnyside Yard is the **largest site available** in one of the most important cities in the world.



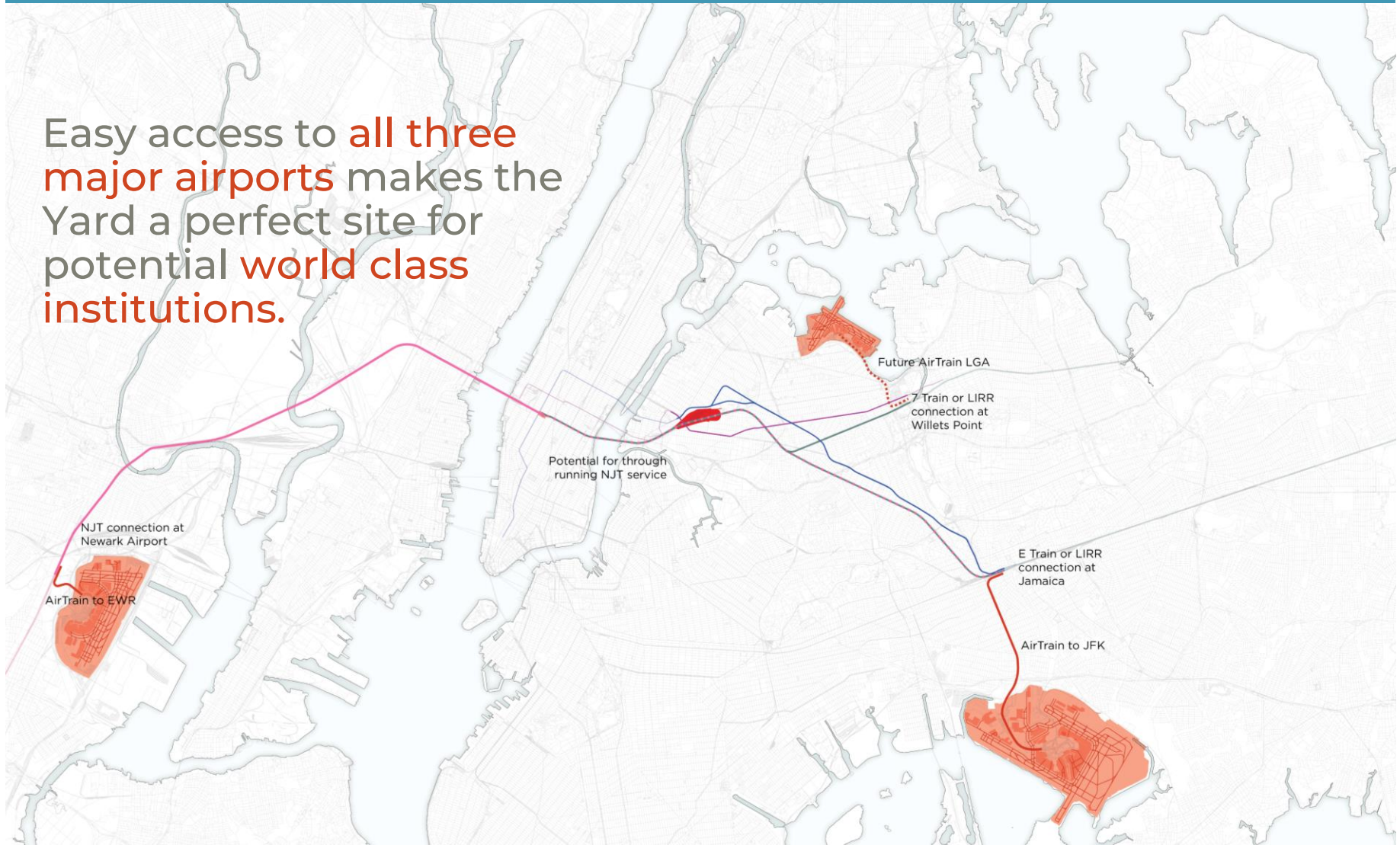
Master Plan Update

Located at the **center** of
the NYC region.



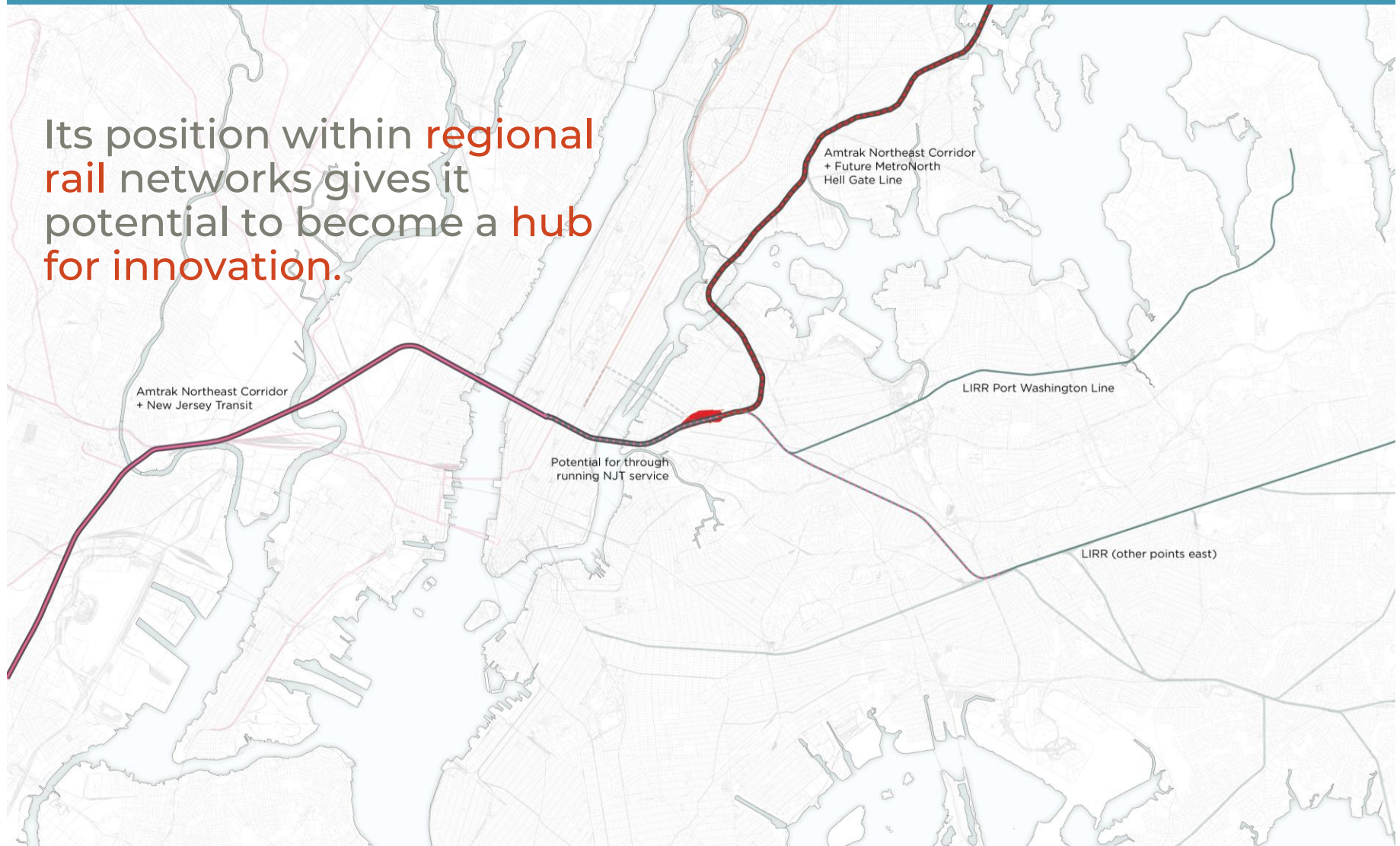
Master Plan Update

Easy access to **all three major airports** makes the Yard a perfect site for potential **world class institutions**.



Master Plan Update

Its position within **regional rail** networks gives it potential to become a **hub for innovation.**



Master Plan Update

Sunnyside Yard is large enough to **accommodate numerous neighborhood needs** including major public spaces, affordable housing, and jobs.



Master Plan Update

Sunnyside Yard provides an opportunity for New York to define the future of cities **by the public, for the public.**



Travel in Western Queens & NYC Today

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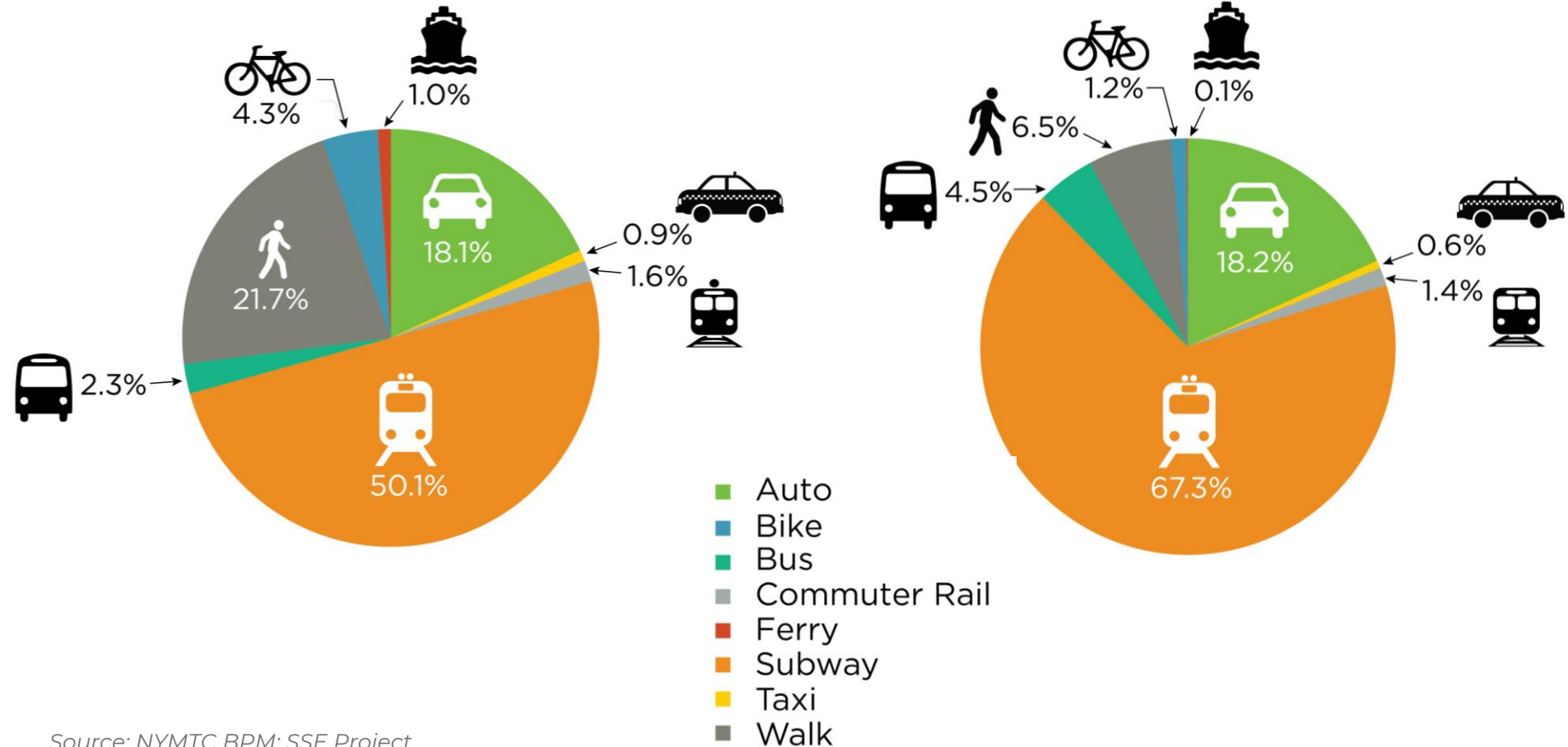
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Travel in Western Queens Today

Travel Mode for All Trips

Morning Peak Hour Commute Trips



Source: NYMTC BPM; SSE Project Calculations; Census Journey to Work

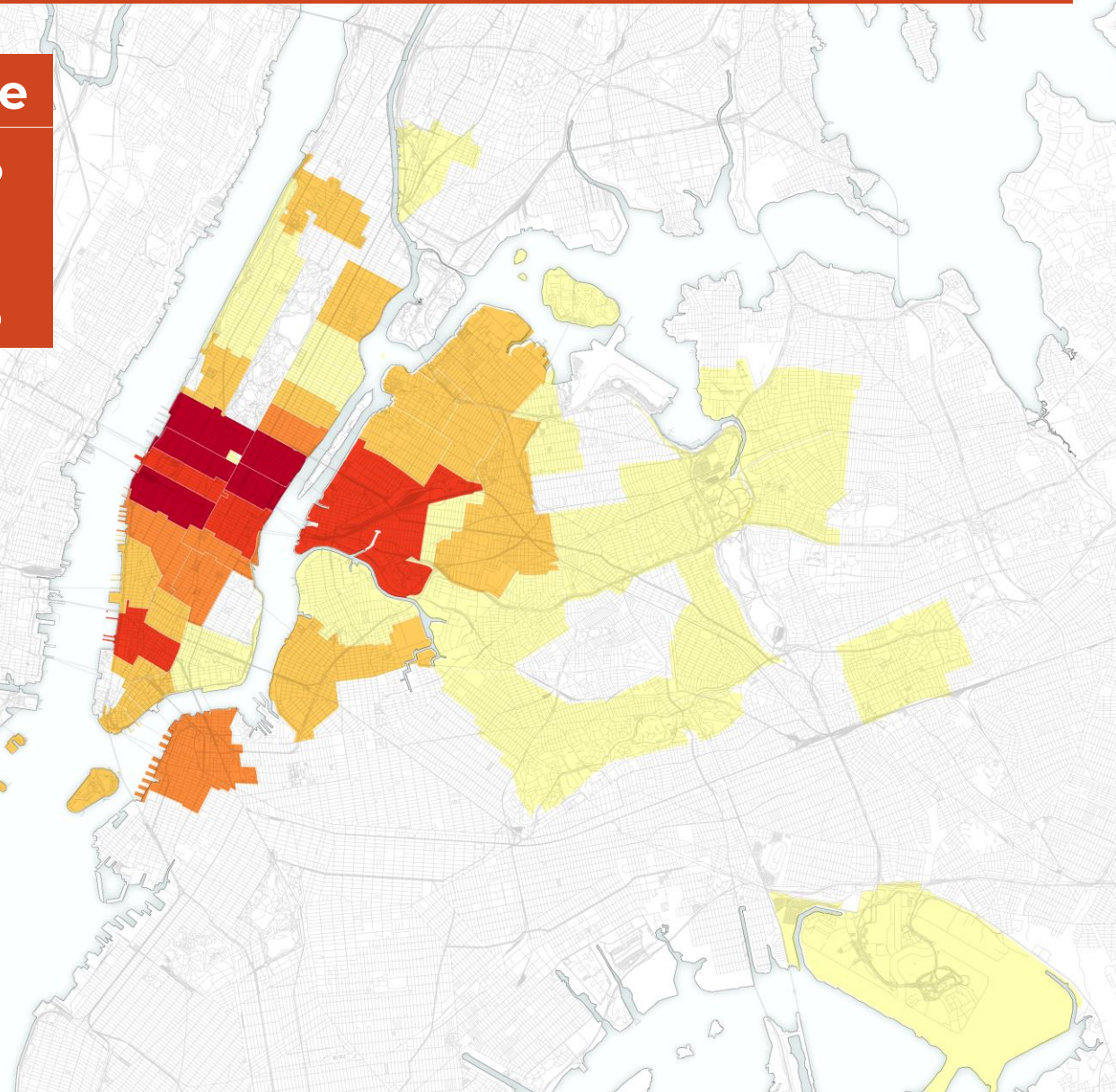
Commute Destinations from Western Queens

Destination	Share
Manhattan	59%
Queens	18%
Rest of Region	23%



MORE TRIPS

FEWER TRIPS




How People Travel Today: What We've Heard From You

Transportation is a real issue:

- Subways can be crowded and unreliable
- Buses don't connect north-south around the Yard
- Intersections and streets don't feel safe for pedestrians
- CitiBike and bike infrastructure should be expanded
- LIRR, Metro-North, and NJ Transit should have one ticket
- There should be more parking
- There should be less parking
















































How People Travel Today: What is the State/City Doing?

State and City efforts already in progress:


- MTA's "Fast Forward Plan" will update subway signals to run trains more frequently  Prioritizes the EFMR in Queens
- MTA will redesign the Queens bus network this year
- The City is moving forward to implement congestion pricing, which could mean less through-traffic in Western Queens

How People Travel Today: How Could It Be Better?

- Subways and roads will have to serve more and more people in the future, even without new development at Sunnyside Yard
- But many transportation improvements are possible

	7 Local	7 Exp	E	F	M	R	NW	Traffic
Today	 	   	   	  			  	  
2030	  	  	   	   	 	 	   	   
2030+, with improvements	?	?	?	?	?	?	?	?

 Rare Crowding

 Occasional Crowding

 Frequent Crowding

 Consistent Crowding

How Could We Get Around Differently?

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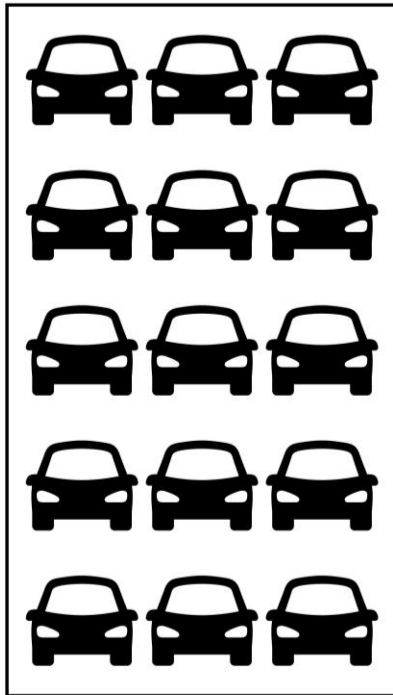
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Types of Improvements

Improvements fall into two categories:

1



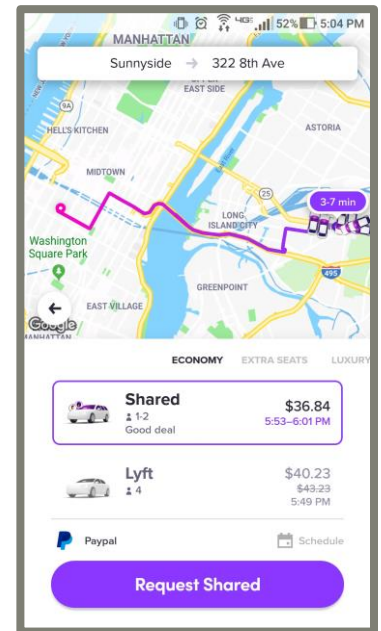
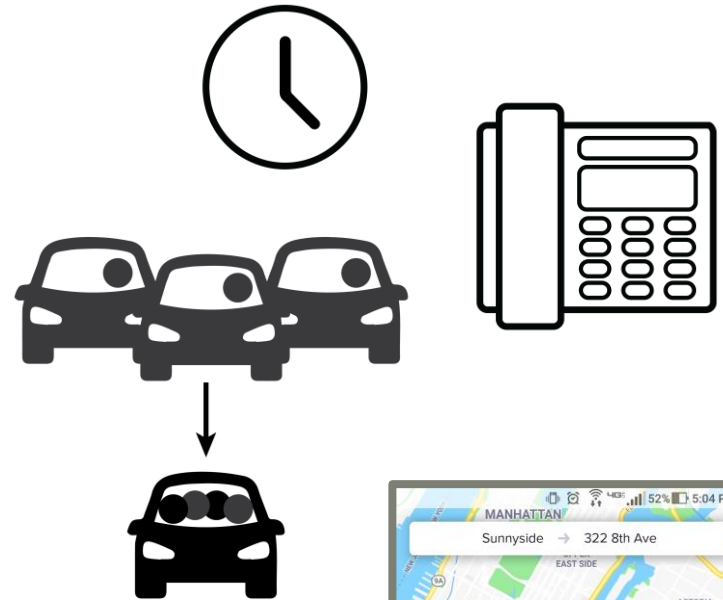
2



Expansion

Potential Improvements: Efficiency

- Travel demand management
- Reallocate street space
- Shared vehicles
- Land use changes



Jamaica, Queens: CaptJayRuffins [CC BY-SA 4.0 (<https://creativecommons.org/licenses/by-sa/4.0>)]

Potential Improvements: Expansion

- More frequent trains
- Subway car design
- Additional subway cars
- New subway lines
- Bus improvements



MTA/ Patrick Cashin flickr.com/photos/mtaphotos/



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Woodhaven Blvd SBS, implemented in November 2017



New MTA subway car prototype

Potential Improvements: Expansion

- East Side Access – LIRR
- More ferry service
- Expanded bike share
- Safer streets and intersections



NYC Better Bike Share Partnership, Citi bike



MTA/ Patrick Cashin
<https://www.flickr.com/photos/mtaphotos/>



NYC Ferry



Northern Blvd and Skillman Ave, NYCDOT

How People Travel Today: Could It Be Better?

Potential Improvements	7 Local	7 Exp	E	F	M	R	NW	Traffic
New Regional Rail	✓	✓	✓	✓	✓	✓	✓	✓
New Subway	✓	✓	✓	✓	✓	✓	✓	✓
Freight Improvements								✓
Added Subway Cars	✓	✓	✓	✓	✓	✓	✓	✓
Subway Car Redesign	✓	✓	✓	✓	✓	✓	✓	✓
More Frequent Subways	✓	✓	✓	✓	✓	✓	✓	✓

✓ Very Impactful

✓ Impactful

✓ Somewhat Impactful

How People Travel Today: Could It Be Better?

Potential Improvements	7 Local	7 Exp	E	F	M	R	NW	Traffic
Parking Policies								✓
Mix of Land Uses								✓
Biking & Walking Improvements	✓	✓	✓	✓	✓	✓	✓	✓
Bikeshare Expansion	✓	✓	✓	✓	✓	✓	✓	✓
NYC Ferry Expansion	✓	✓	✓	✓	✓	✓	✓	✓
Better Local Buses	✓	✓	✓	✓	✓	✓	✓	✓
New Bus Rapid Transit	✓	✓	✓	✓	✓	✓	✓	✓

✓ Very Impactful

✓ Impactful

✓ Somewhat Impactful

What Could the Future Hold?

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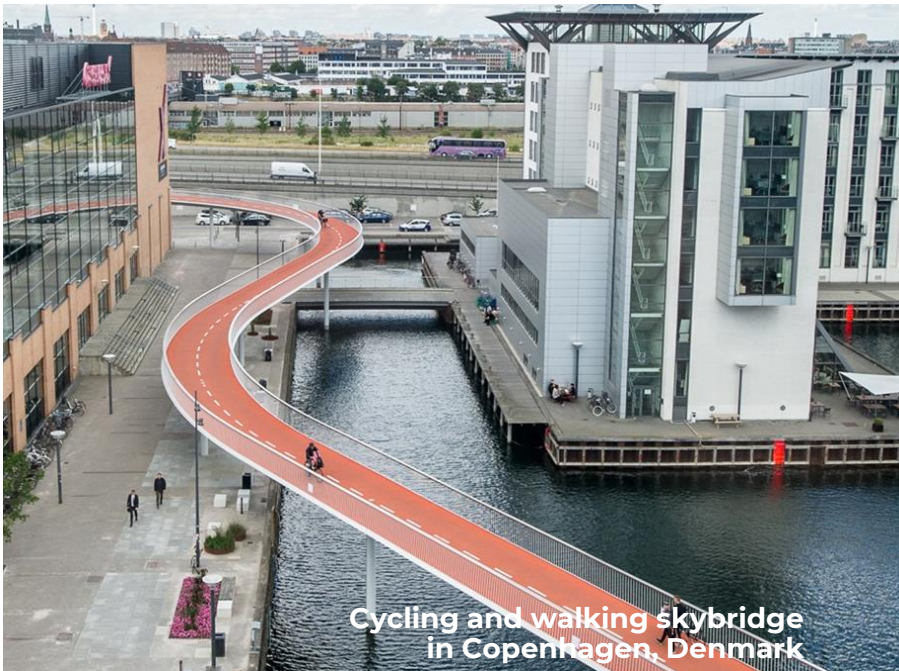
Looking to Other Cities for Inspiration



Funicular
Penang, Malaysia



Heathrow Airport
taxi pods



Cycling and walking skybridge
in Copenhagen, Denmark



Quito, Ecuador Bus Rapid

New Technology = New Opportunities



Bicycle Taxi In Mexico City



Electric Bikeshare
in Madrid, Spain



Gondola at Roosevelt Island



Dockless scooters
in Santa Monica, CA

Activity

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Prioritizing Transportation Interventions

Better Local Bus Service

HTA Bus Network Redesigns could improve bus service (shorter travel times, more reliability and convenience)

Some routes could be upgraded to be faster in the future

Other Pros/Cons:

- Wouldn't address most trips between Manhattan and Queens

Cost: \$\$\$\$ Time: [] Capacity: []

Added Subway Car per Train

Adding an additional subway car to the trains adds space - as much as 100+ riders per car

HTA has identified that this could be possible on some lines but not others:

- 10 car trains + 11 (EFNW)
- 11 car trains + 12 (7)

Other Pros/Cons:

- Challenges of existing platform lengths and operating policies
- Would require a station-by-station assessment of necessary upgrades and completion of planned new train signaling installation

Cost: \$\$\$\$\$ Time: [] Capacity: []

Your Idea About Efficiency

Write Your Description Here:

Pros:

Cons:

Cost: [] Time: [] Capacity: []

Anything Else:

Your Idea About Expansion

Write Your Description Here:

Pros:

Cons:

Cost: [] Time: [] Capacity: []

Anything Else:

- Each team has a set of cards with different expansion and efficiency interventions that can improve the transportation system in Western Queens
- Each intervention has cost, timing, and capacity implications and other pros/cons
- Each team has **30 minutes** to discuss and select the **top 4 interventions** based on the priorities of the group
- At the end, each team will have a few minutes to report back to the entire group