



Red Hook Traffic and Truck Study

Status Update/Public Meeting #2

December 7, 2023



Meeting Agenda

- Introduction (Goals, Study Process, Study Area)
- Public Outreach
- Data Collection/Findings
- Coordination Efforts
- Next Steps
- Discussion

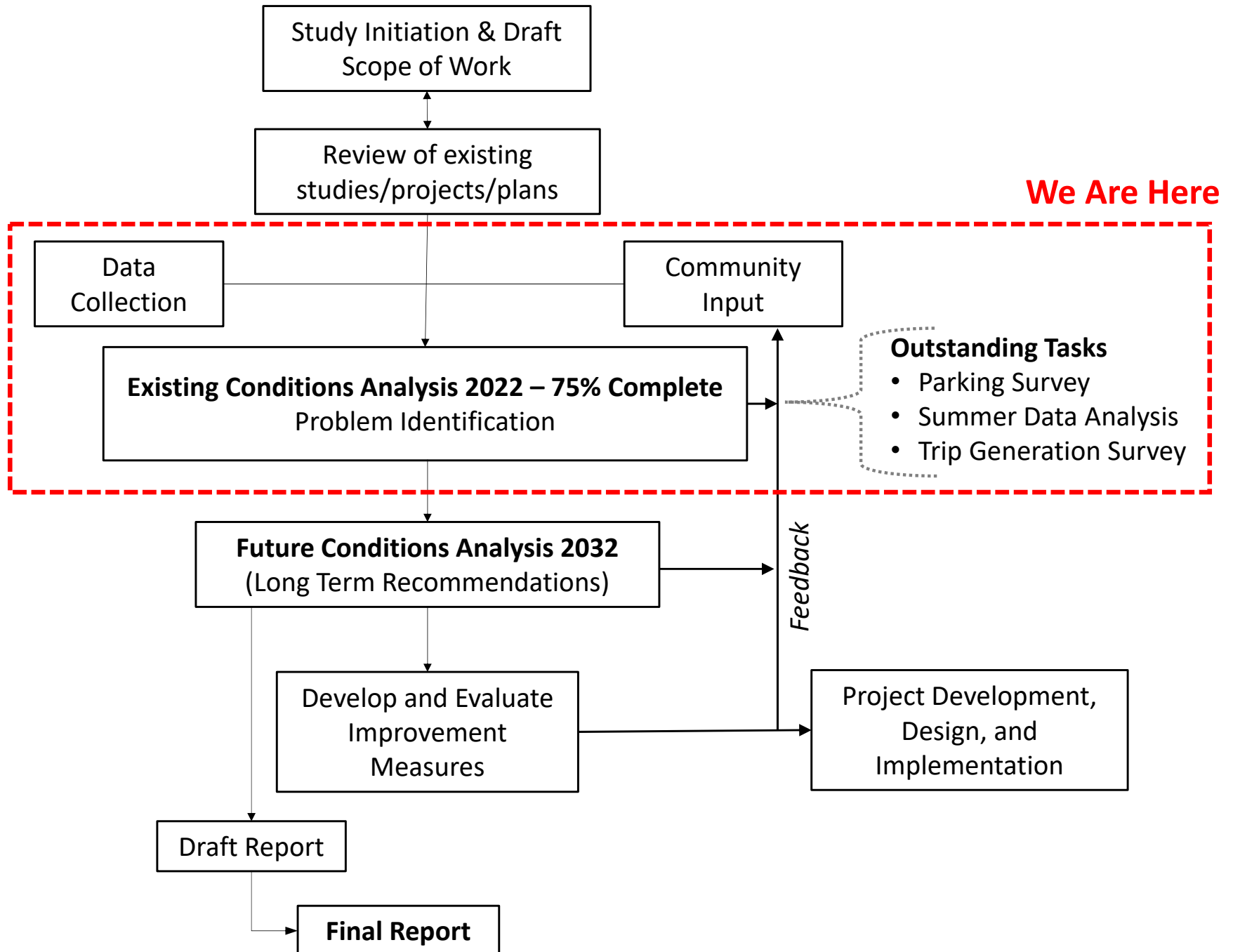
Study Goal and Objectives

Goal - Improve travel conditions for all street users (motorists, cyclists, and pedestrians), while enhancing safety and the quality of life for residents in the area.

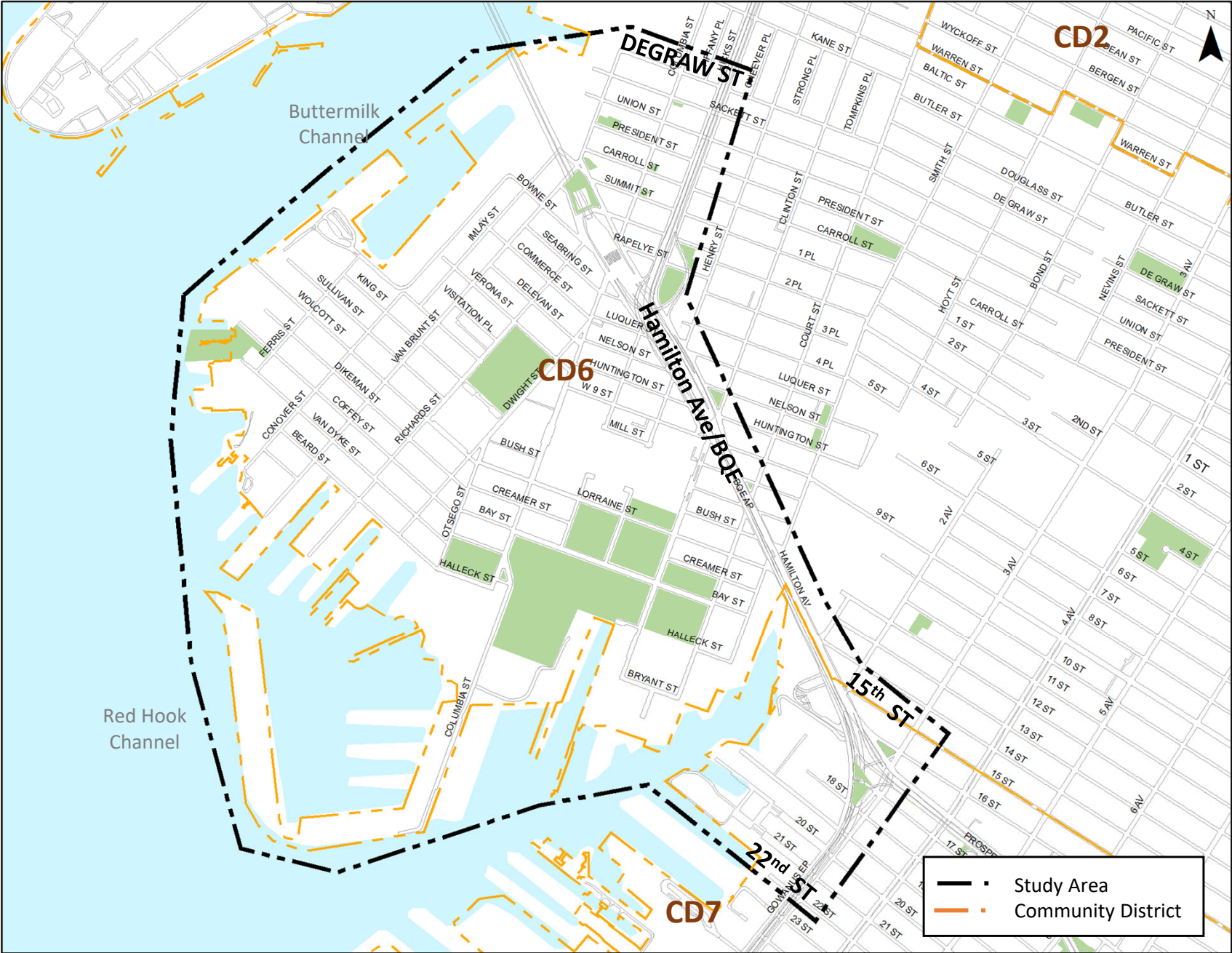
Objectives

- To evaluate existing and future traffic conditions and develop quantitative measures to assess the effect of truck traffic
- To facilitate extensive public participation through TAC and public meetings / workshops-web portal
- Generate recommendations & develop improvement measures to address community concerns, reduce congestion, facilitate other modes of travel and enhance safety
- To coordinate various projects/initiatives in the study area

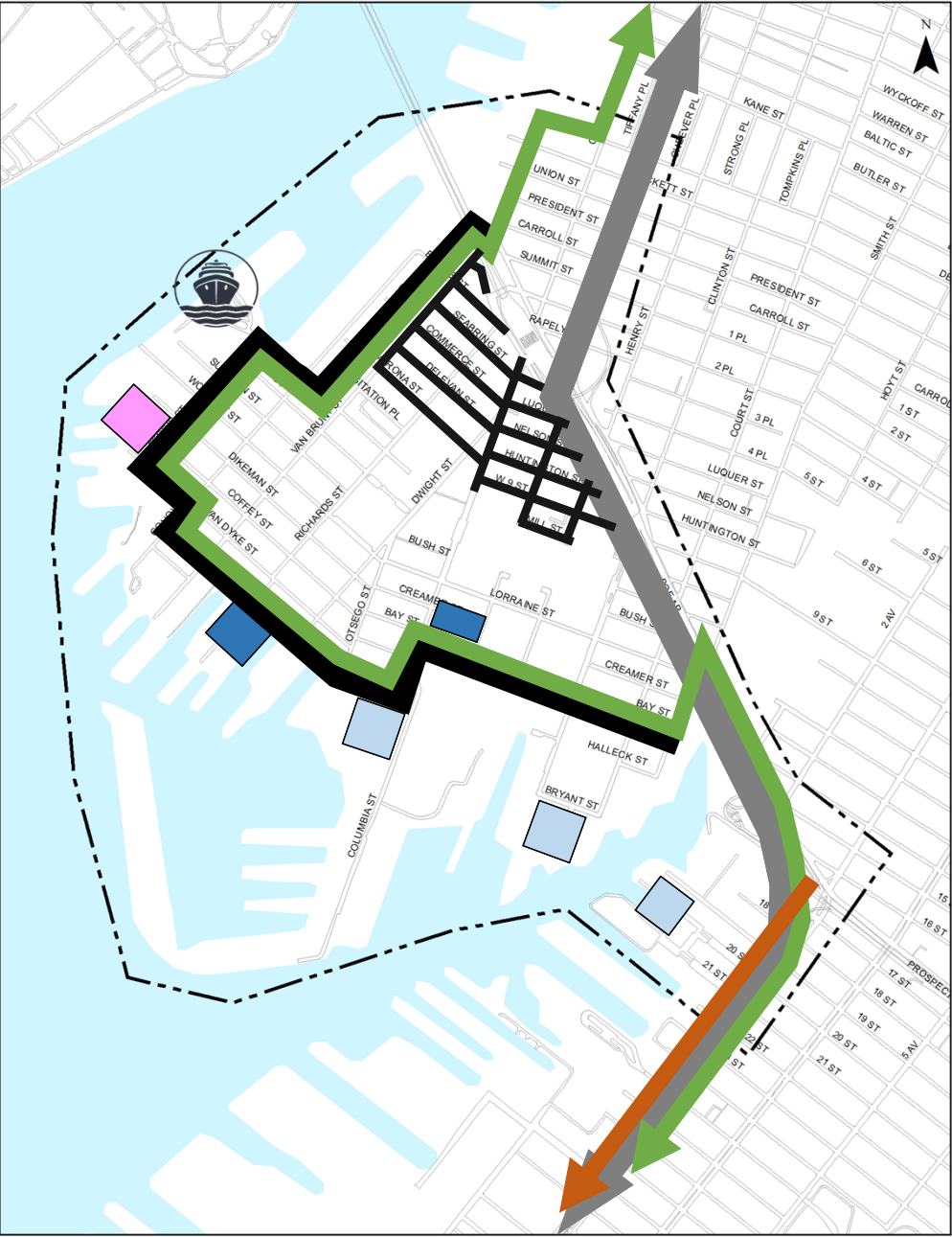
Study Process/Status










Study Area

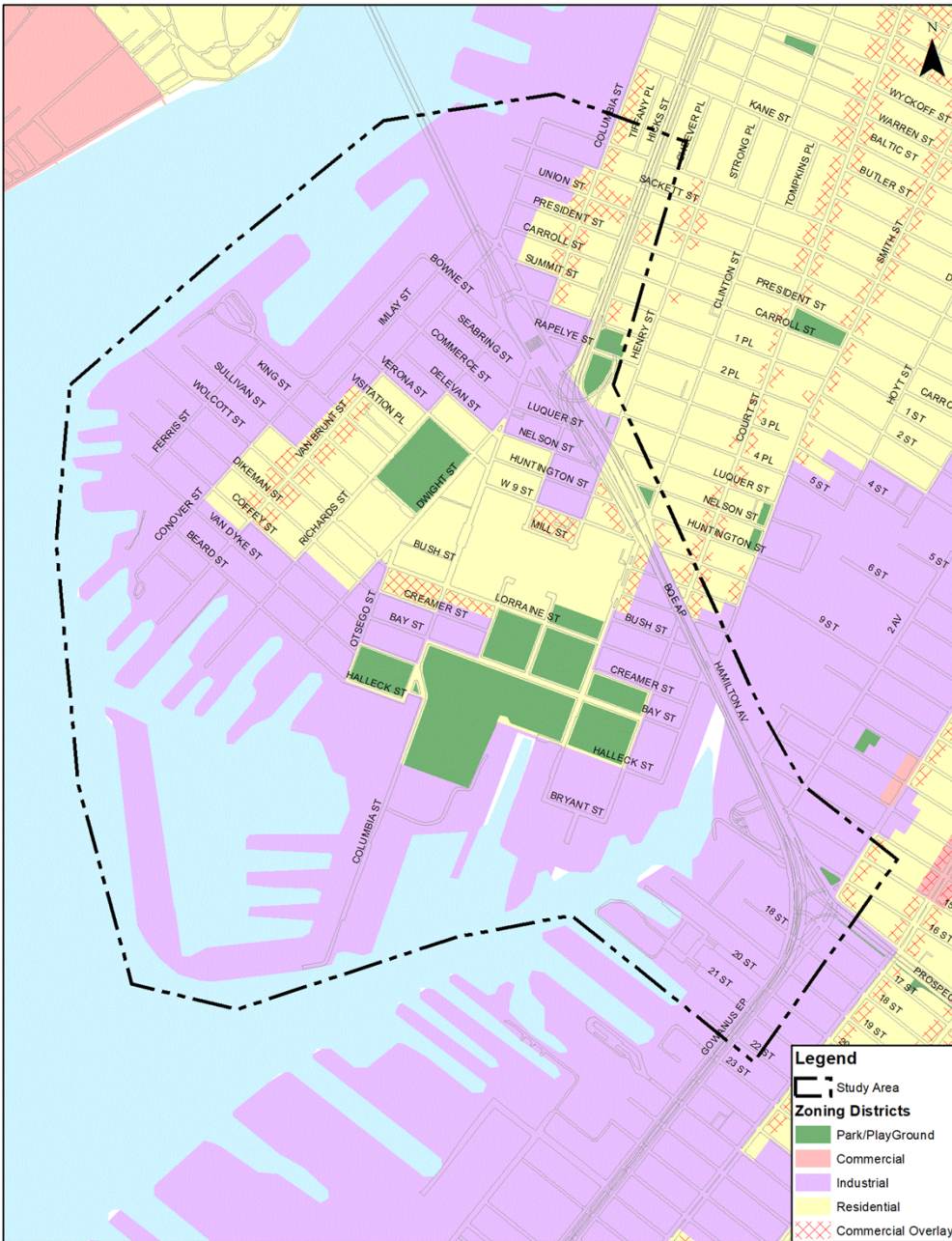


Major Projects/Initiatives/Concerns

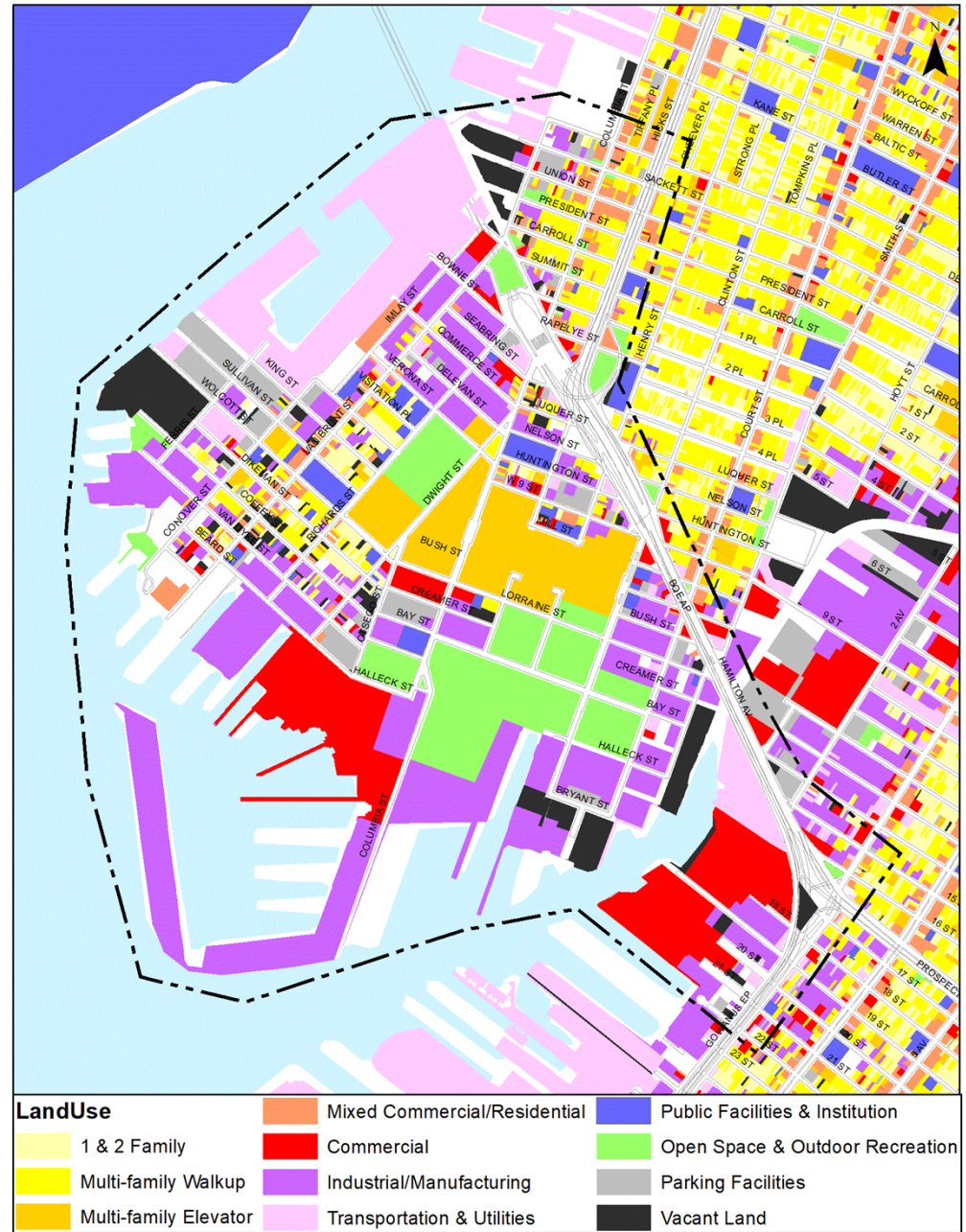


-  BQE Vision Corridor (BQE)
-  Red Hook Coastal Resiliency
-  Brooklyn Waterfront Greenway (BWG)
-  Last Mile Distribution Center
-  Active
-  Under Construction
-  Demolition
-  Columbia Street Capital Project
-  3rd Avenue Safety Study
-  Brooklyn Cruise Terminal

Zoning & Land Use



Zoning Map



Land Use Map

Public Outreach

- Public Meeting #1 (March 2023)
- **Public Meeting #2 (Dec 7. 2023)**

Field Surveys

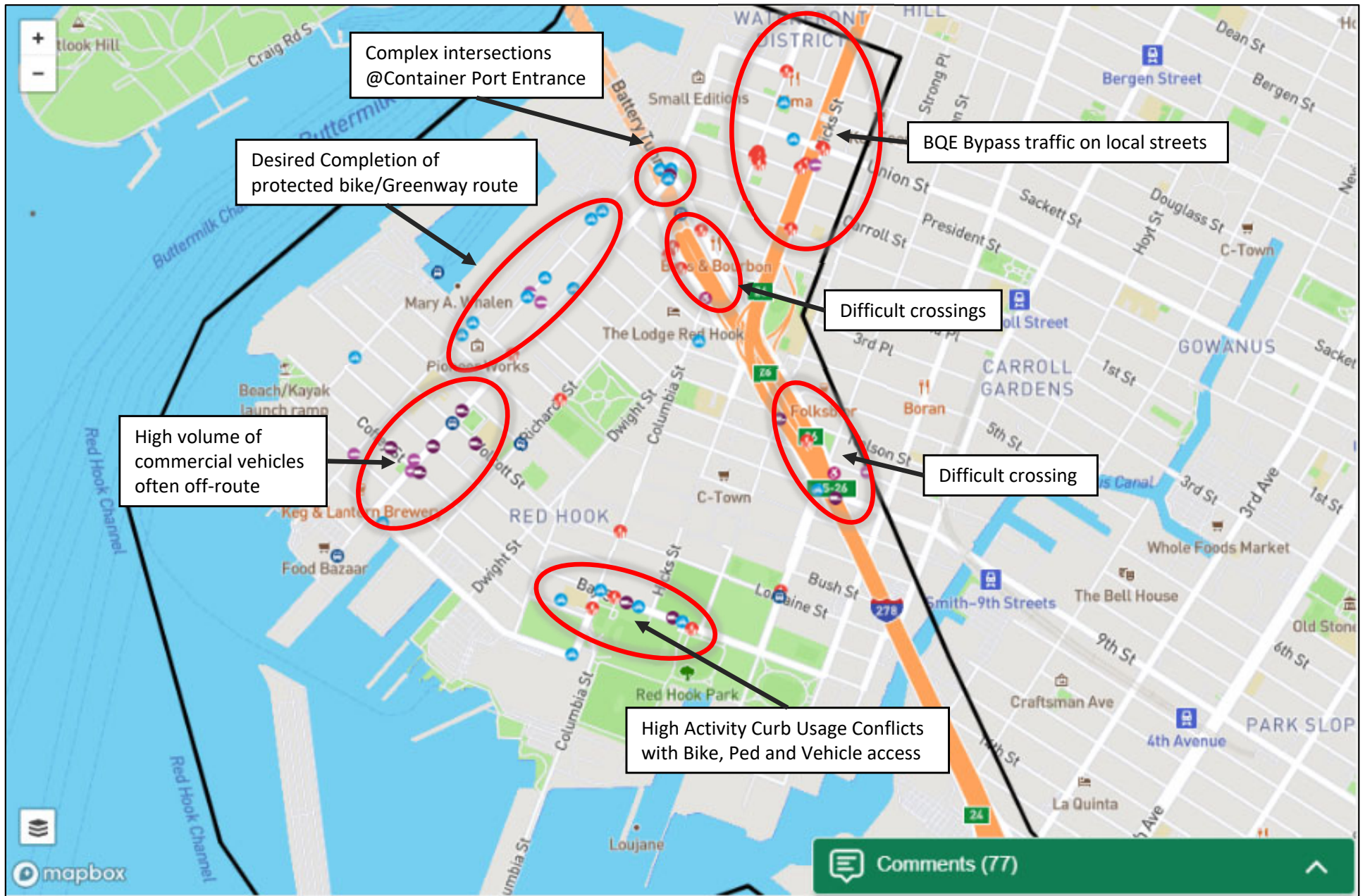
- Travel Needs Survey (July 2023)
 - 8 locations over 4 days – 372 Responses
- IBZ Curb Usage Survey (Oct. 2023)
 - 16 Square Blocks covered – 50 Responses

Online Surveys

- Web Portal (Ongoing) - 77 Responses
- Online Survey (Complete) – 243 Responses



Web Portal – Issues (77 Comments)



What We've Heard

From Community Forums, Previous Studies, Agency Coordination (TAC)

Truck Related Issues

- Safety, Air Quality, Noise
- Alternative Truck Routes
- Better Truck Enforcement (Oversized Vehicles)
- Better Signage (Off Route Trucks)

Pedestrian Safety

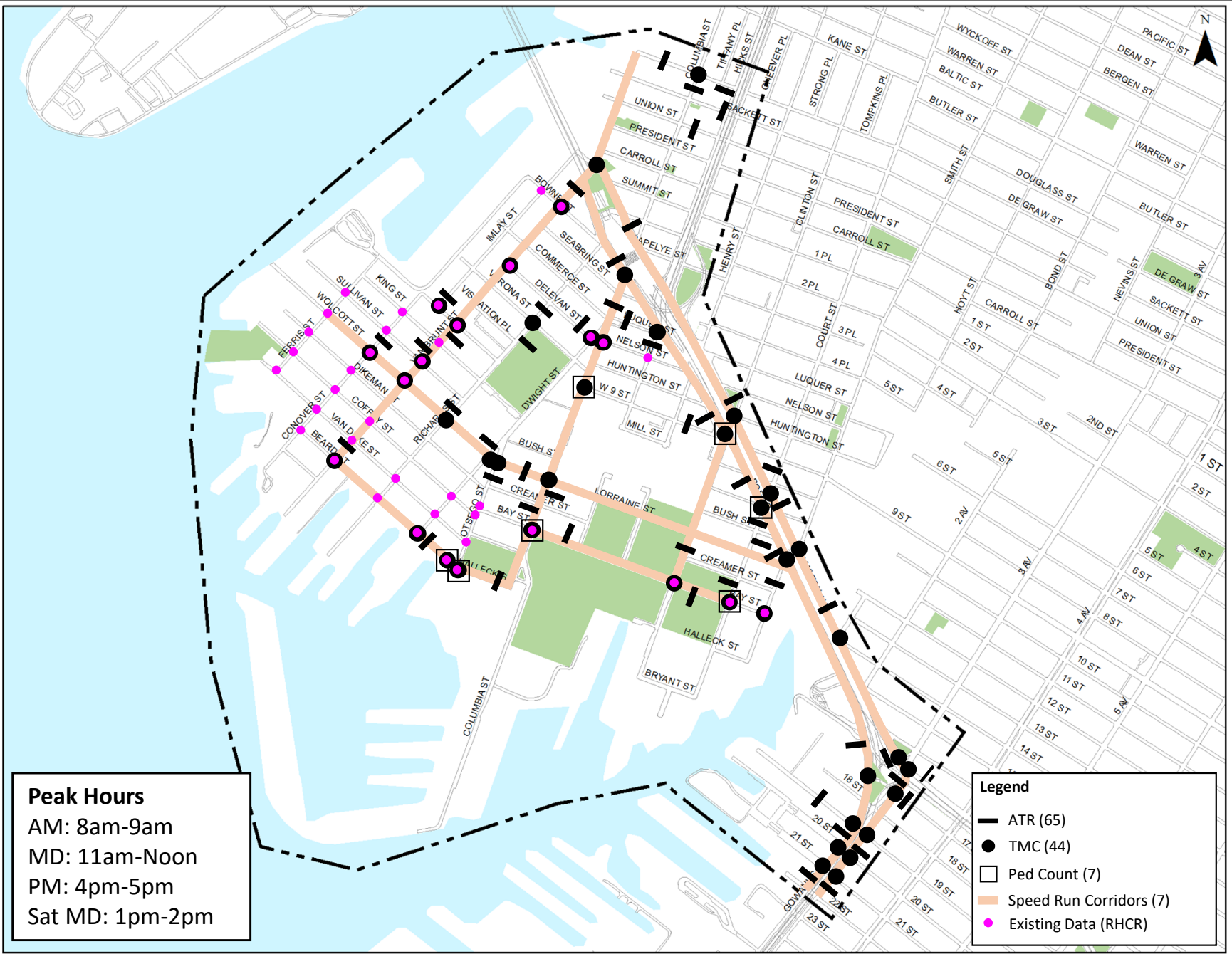
- Hamilton Avenue (Court St, 9th St)
- Van Brunt (@ Pioneer, Sullivan and Wolcott)
- Clinton St (@ Hamilton, Lorraine and Bay)
- Columbia (@ West 9th, Lorraine, Bay)
- Richards St (@ Sullivan and Wolcott)

Focus Topics

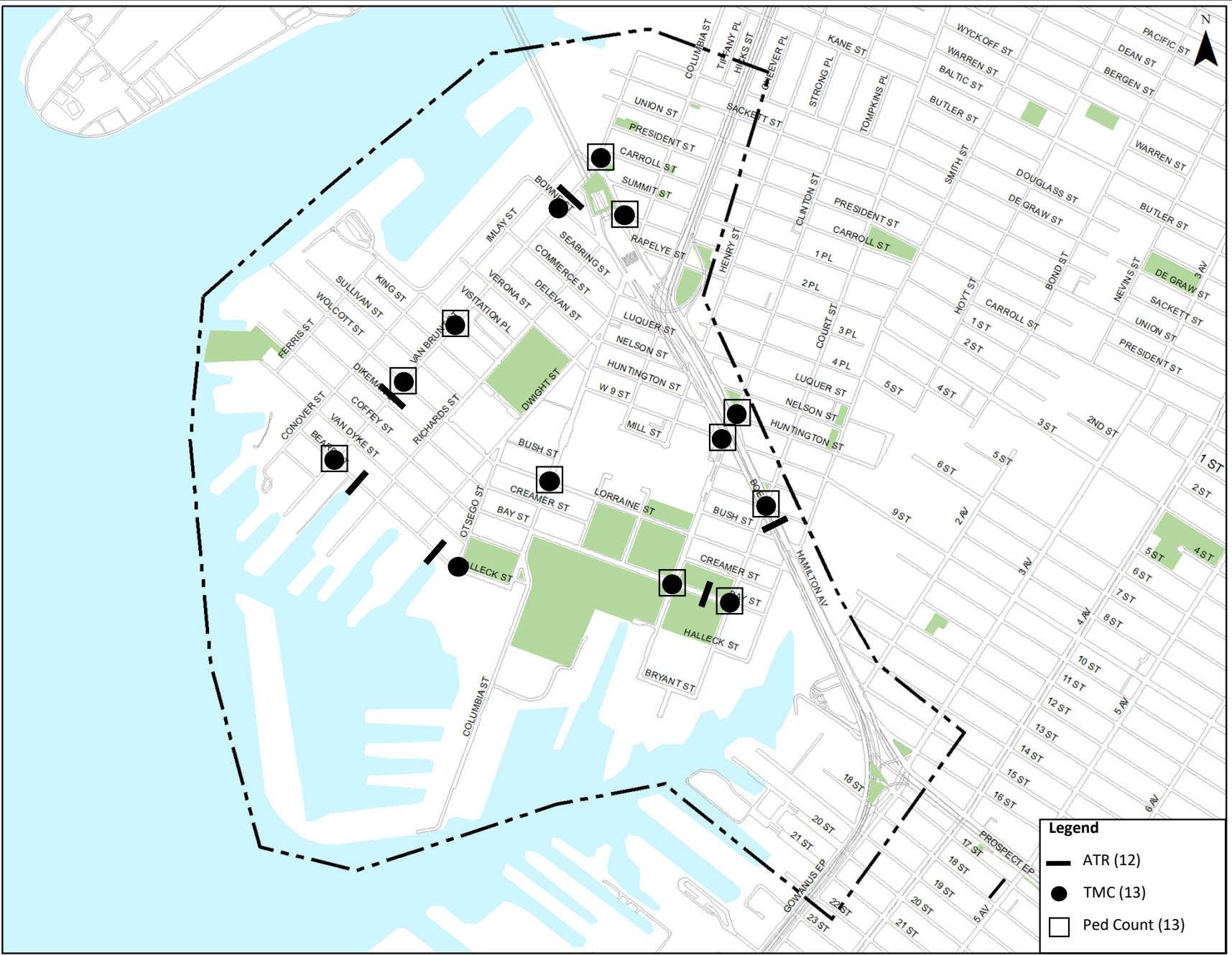
- Traffic Analysis
- Truck Analysis
 - Last Mile Distribution Centers
(Trip Generation Surveys)
- Crash/Safety
- Bikes
- Pedestrians
- Transit



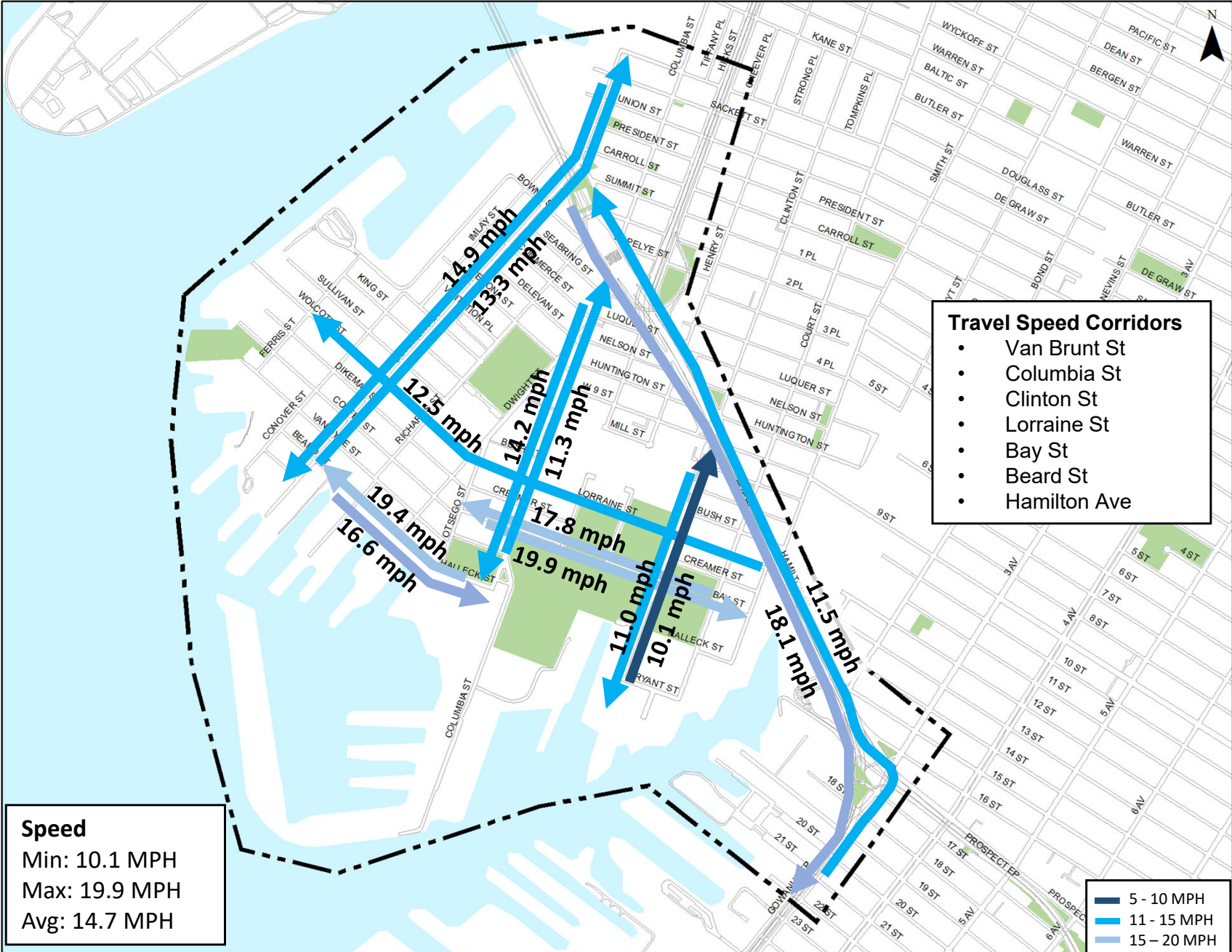
Data Collection Plan



Data Collection Plan – Summer (Community Request)



Corridor Speeds – AM Peak Hour



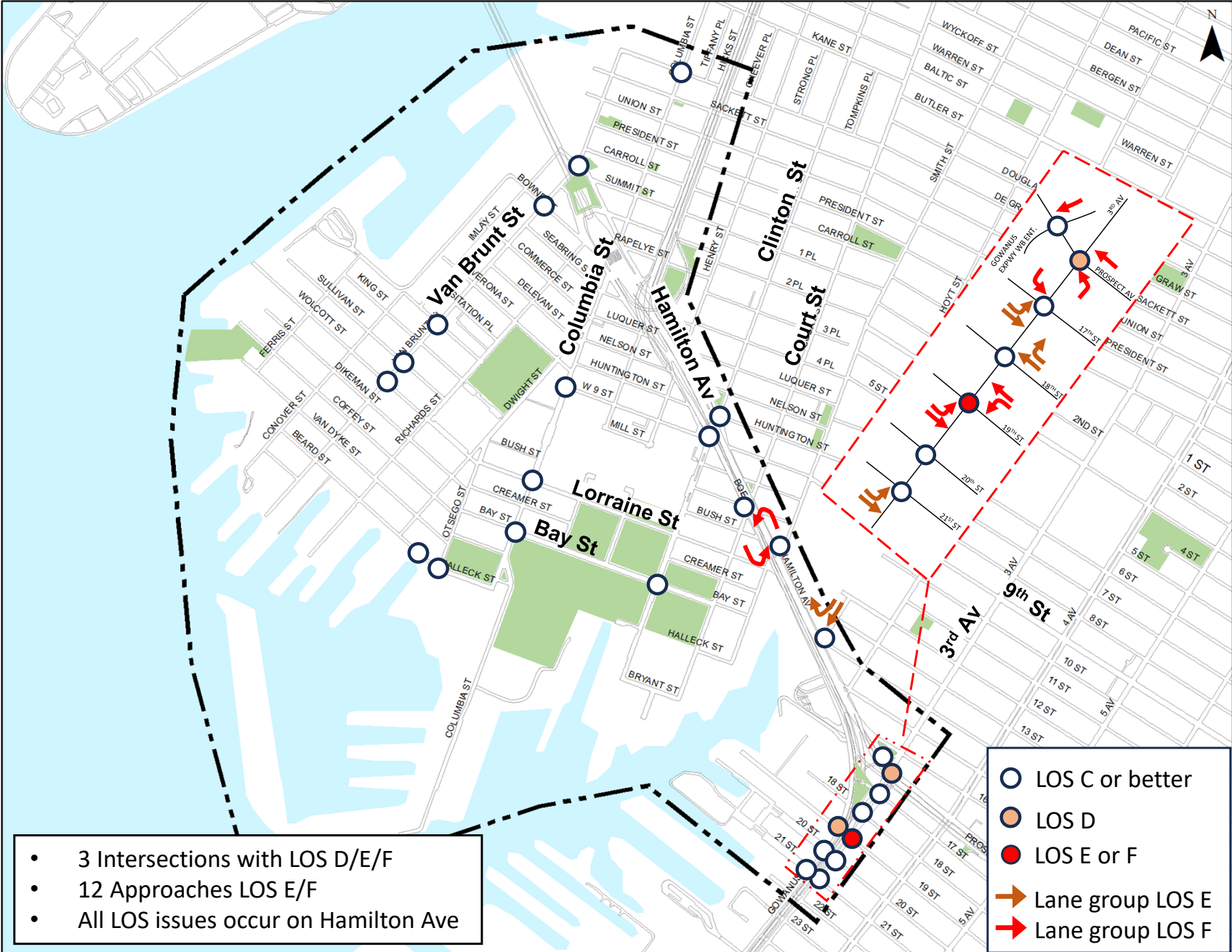
Traffic Volume – AM Peak Hour



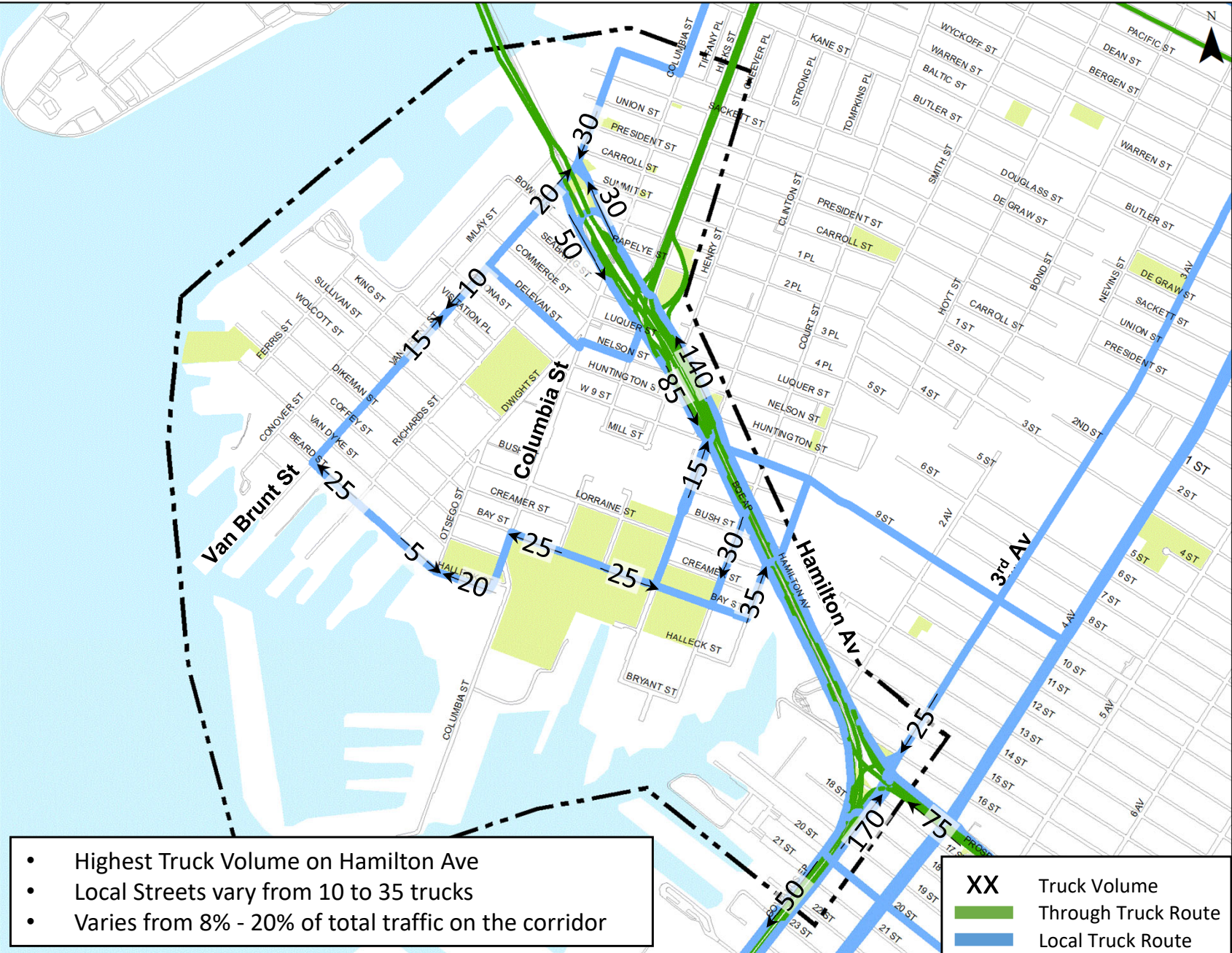
- Highest Volume on Hamilton Ave
- Local Streets vary from 100 to 400 vehicles

XX Traffic Volume

Traffic Analysis – AM Peak Hour LOS



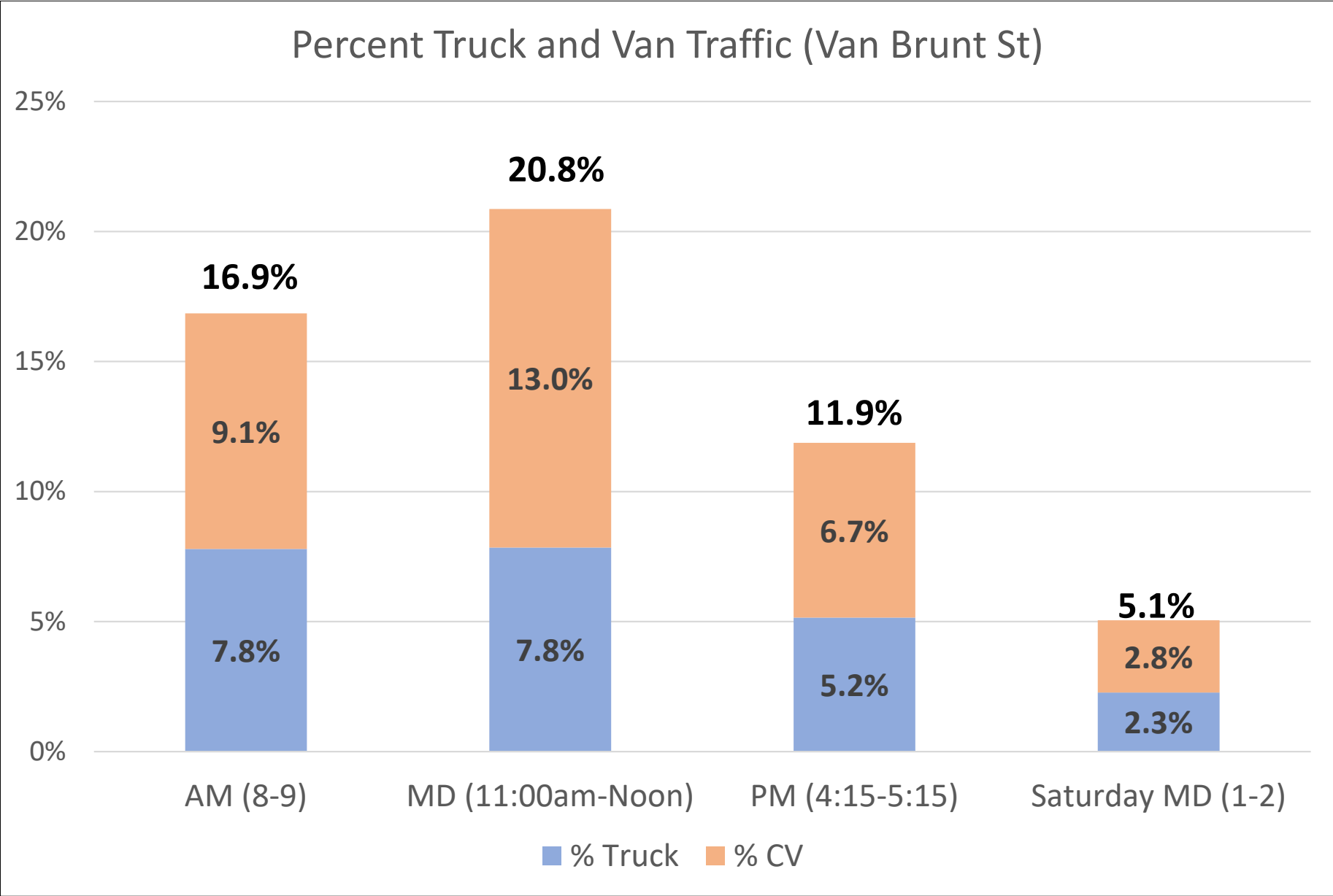
Truck Volume – AM Peak Hour



- Highest Truck Volume on Hamilton Ave
- Local Streets vary from 10 to 35 trucks
- Varies from 8% - 20% of total traffic on the corridor

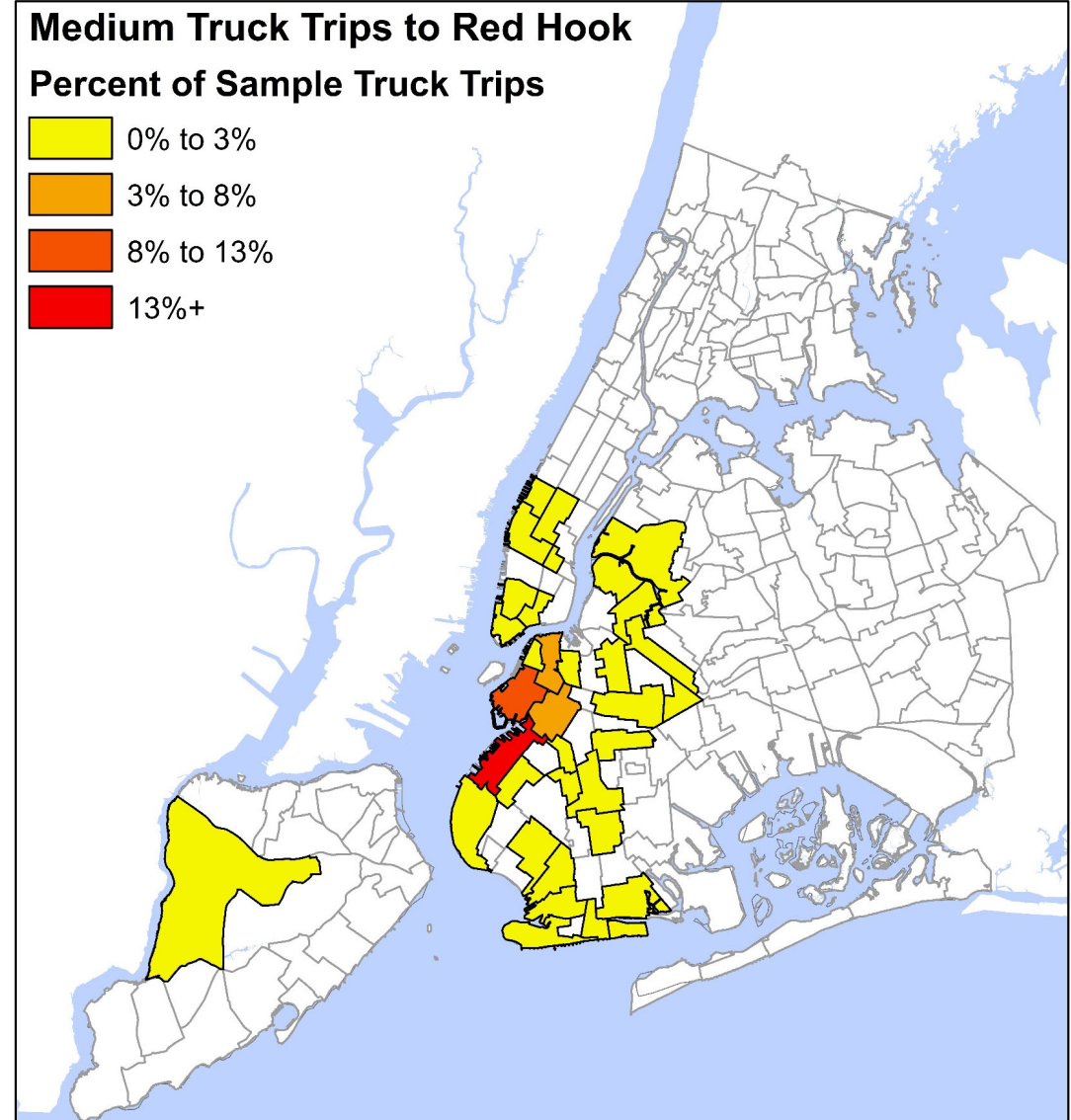
XX Truck Volume
█ Through Truck Route
█ Local Truck Route

Truck and Van Traffic – Van Brunt Street



Truck Trips to Red Hook - Trip Origin within New York City

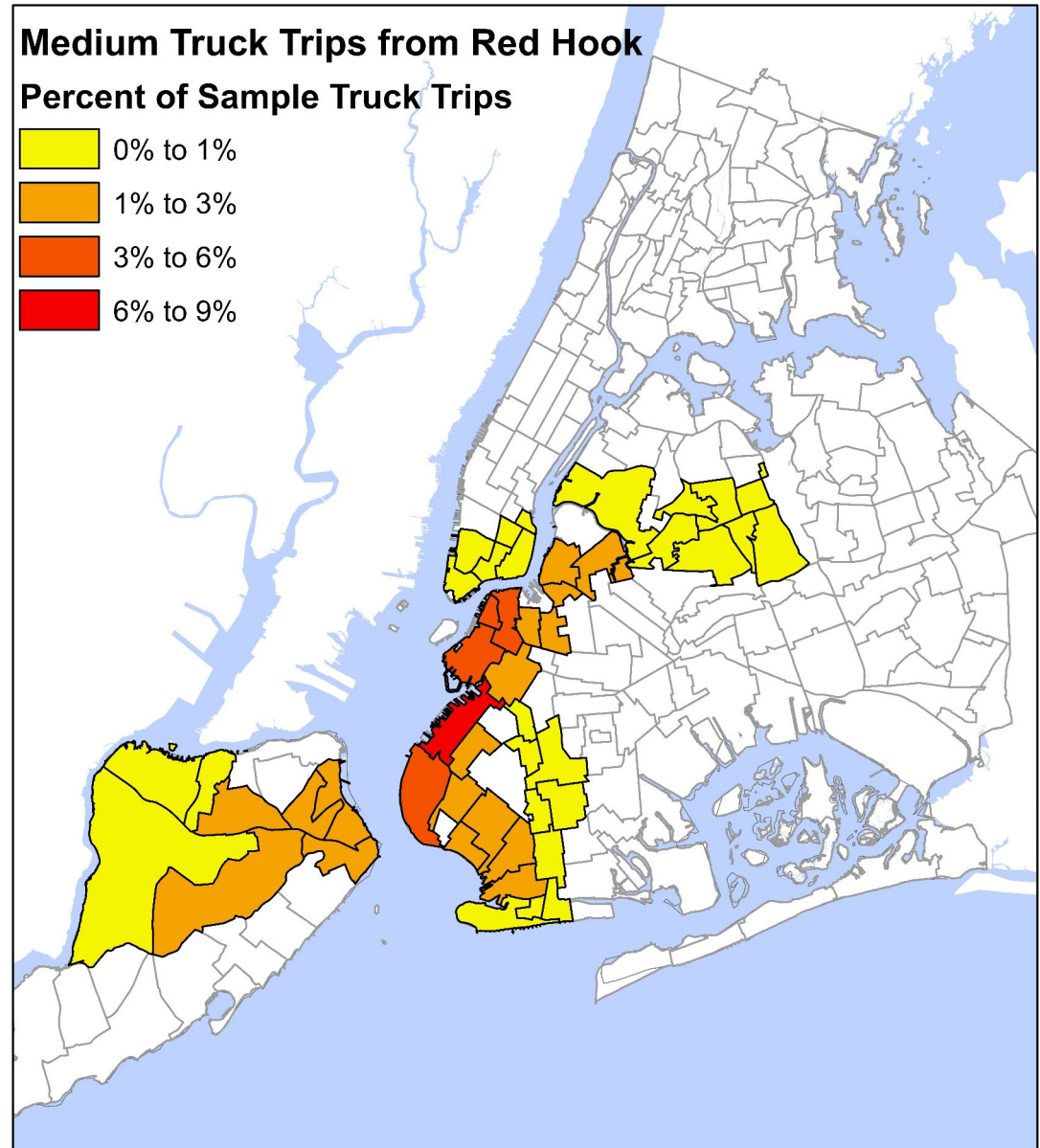
- Medium duty truck (i.e., box trucks and parcel carrier trucks) trips destined for the Red Hook area have localized origins in Brooklyn, Long Island City in Queens, South of 60th St in Manhattan, and the West Shore of Staten Island
- Nearly 80% of medium duty truck trips traveling to Red Hook originate in some part of Brooklyn



Medium duty truck trip origins are within proximity to Red Hook, with most beginning in and around the Sunset Park portion of the Southwest Brooklyn IBZ

Truck Trips From Red Hook - Trip Destination within NYC

- 64% of medium duty truck trips are destined for locations within Brooklyn and 14% are destined for Staten Island
- Most medium duty truck trips are bound for neighborhoods with a high concentration of commercial, industrial or manufacturing related uses including Sunset Park, Downtown Brooklyn, Red Hook, Williamsburg, Bay Ridge and the North Shore of Staten Island
- Approximately 6% and 2% of medium and heavy truck trips that start in Red Hook respectively, also end within the Red Hook area



Medium duty trucks traveling from Red Hook provide goods and services to many neighborhoods within Brooklyn, Lower Manhattan, Staten Island and portions of Western Queens

Crash/Safety Data

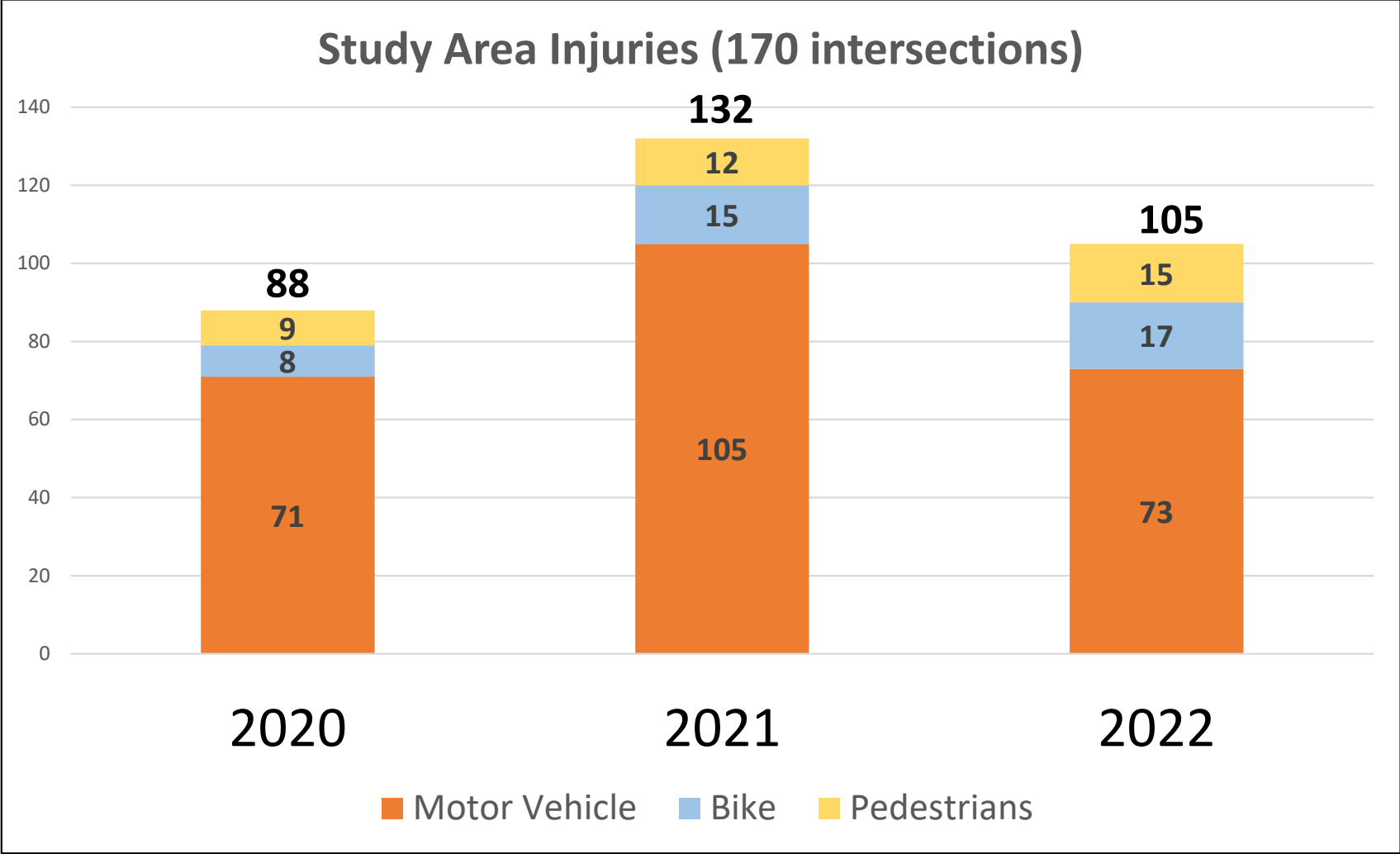


- 2 Fatalities from 2017 to 2023
- 1 Vision Zero Corridor (Court St)
- 1 Vision Zero Intersection (Court St @ Hamilton Ave)

- Vision Zero Corridor
- Vision Zero Intersection
- Fatality (2017-2023)
- 11-20 Injuries (2020 – 2022)

Source: NYPD

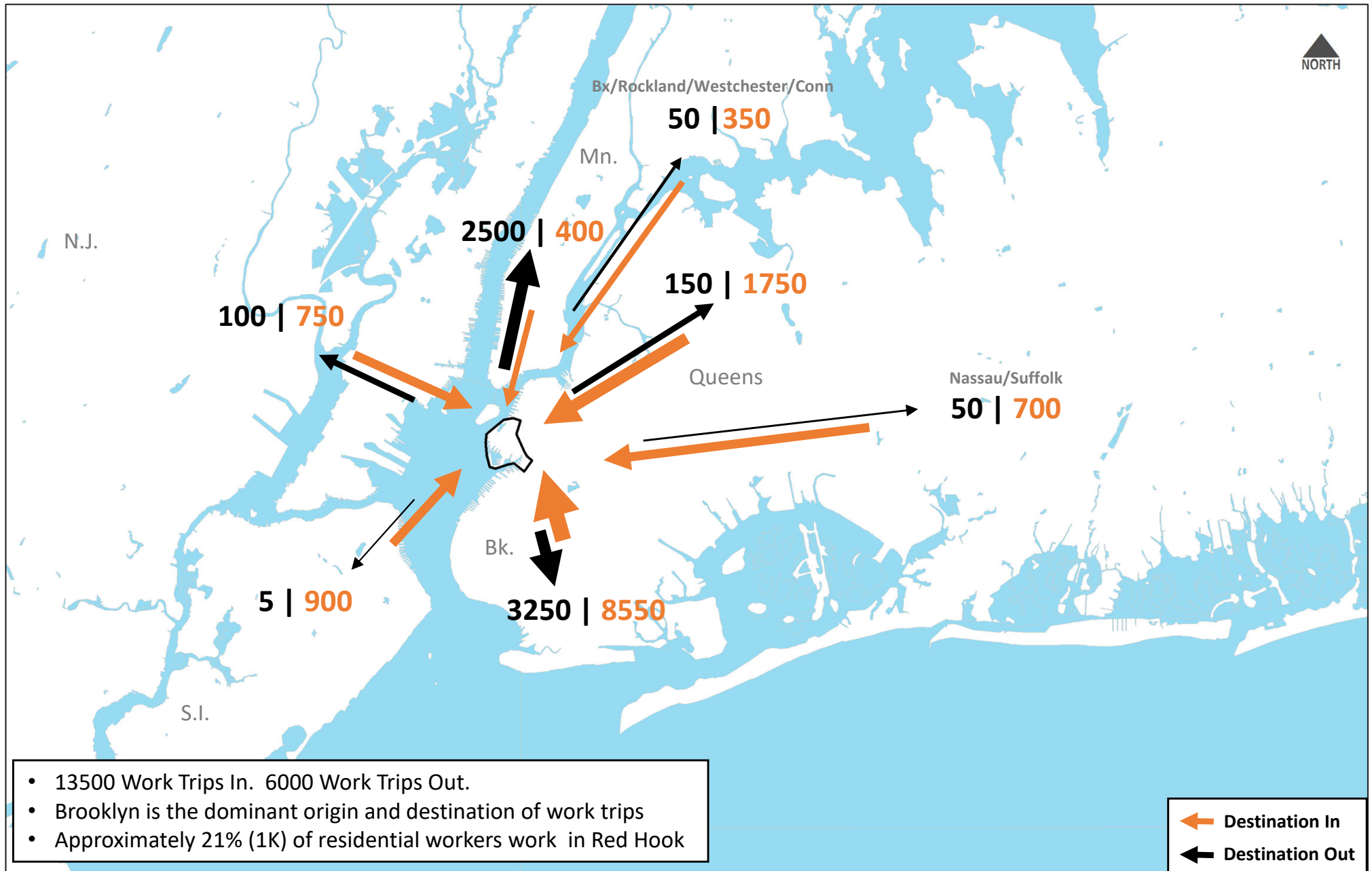
Crash/Safety Data



Source: NYPD

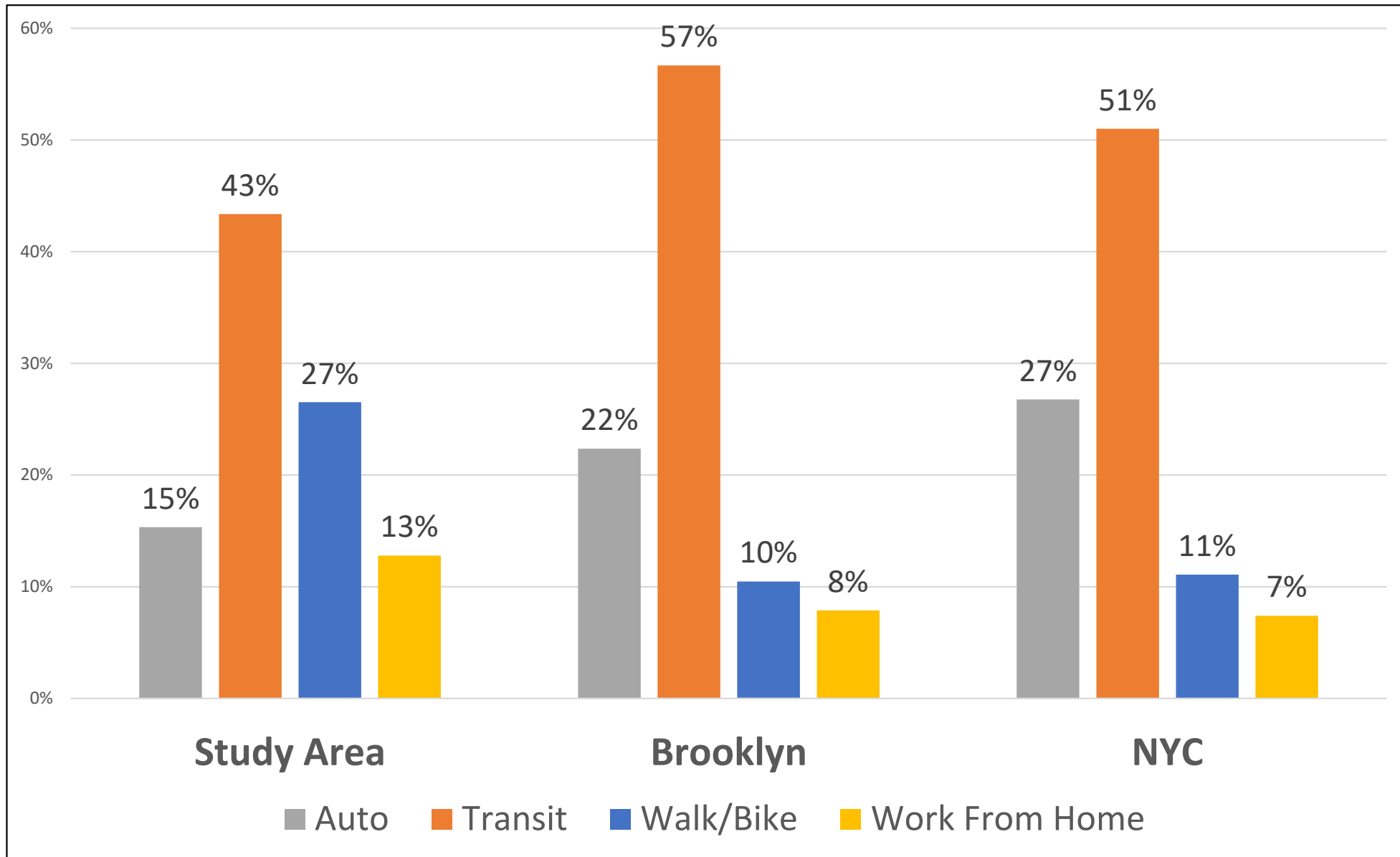
Injuries/Year

Work Trips – Origin and Destination (24 hours)



Source: Census (CTPP)

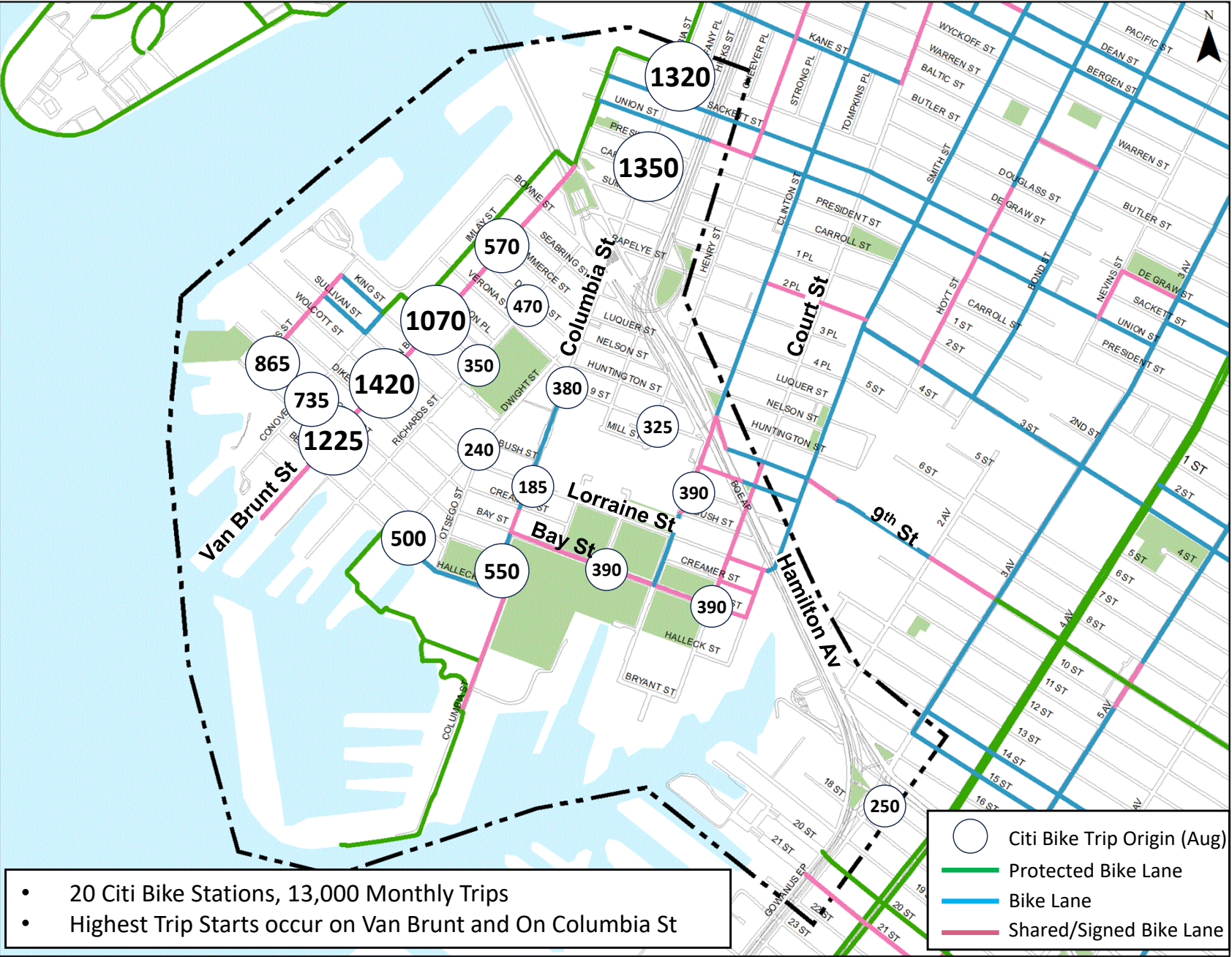
Work Trips by Mode (2020)



Source: Census

- Walk/Bike is nearly 3 times the average of Bk and NYC
- Work from Home is also high in the study area

Bike Routes and Citi Bike Trip Origin (August 2023)



Pedestrian Volume - PM Peak Hour



- Highest Pedestrian Volume on Hamilton Ave @ 9th St
- Lorraine St @ Columbia St is second highest location

Transit

- Three existing bus lines; B61, B57, B37
- Closest subway station is F/G at Smith and 9th Street and the R at Prospect Ave.
- MTA Brooklyn Bus Redesign (Proposed):
 - B27 (new) replaces B57 in Red Hook to Downtown Bk.
 - B81 (new) from Red Hook to Kensington/Midwood



Coordination/Meetings with Elected Officials/Agencies

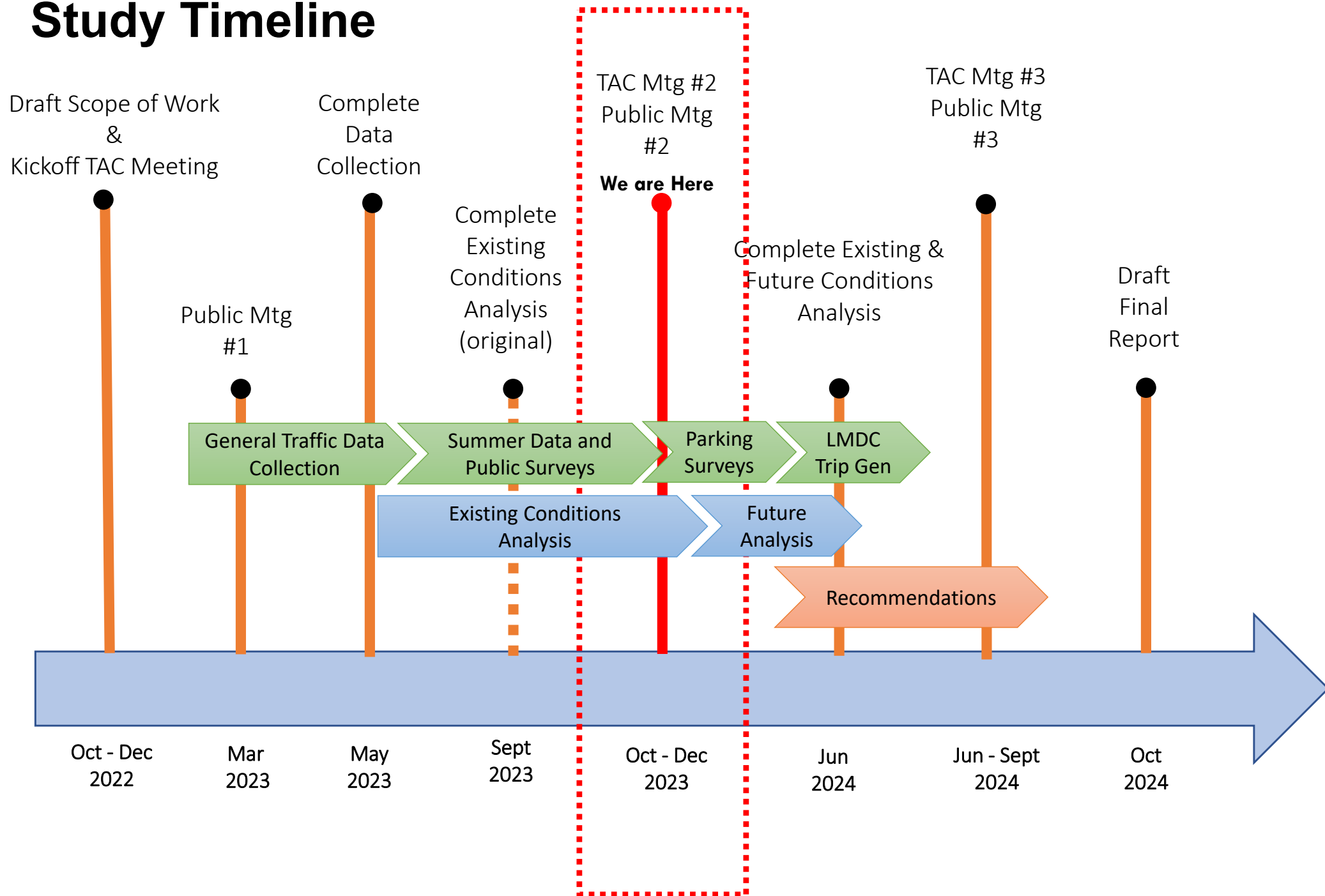
- **Last-Mile Distribution Centers** - CM Aviles Community Forum (6/23/22)
- **Brooklyn Bus Redesign** - CB6 Workshop (1/26/23)
- **NYC Parks Red Hook Recreation Facilities** - Construction Update (5/17/23)
- **BQE Corridor Vision Workshops**
 - Round 2 (3/2/23)
 - Round 3 (10/30/23 - 11/8/23)
- **3rd Ave Safety Study**
 - Workshop (4/27/23)
 - Presented to CB7 Transportation Committee (11/2/23)
- **Red Hook Coastal Resiliency (RHCR)**
 - 60% Design (6/16/22)
 - 90% Design (11/1/23)

Next Steps

- **Existing Conditions (75% Complete)**
 - Parking Surveys
 - Summer Data Analysis
 - Trip Generation Surveys
- **Future Conditions Analysis**
- **Recommendations**
- **Public Meeting #3**



Study Timeline



Questions!

Project Portal, Feedback Map and Study Documents:

<https://nycdotprojects.info/project/red-hook-traffic-and-truck-study>

Contact: redhookstudy@dot.nyc.gov



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