



# ATLANTIC AVE/FLATBUSH AVE COMPREHENSIVE SAFETY PLAN

Presented August 3, 2016



# AGENDA



## Tonight's Agenda

- DOT presentation (30 min)
- Map activity (45 min)
- Groups report back (15 min)

---

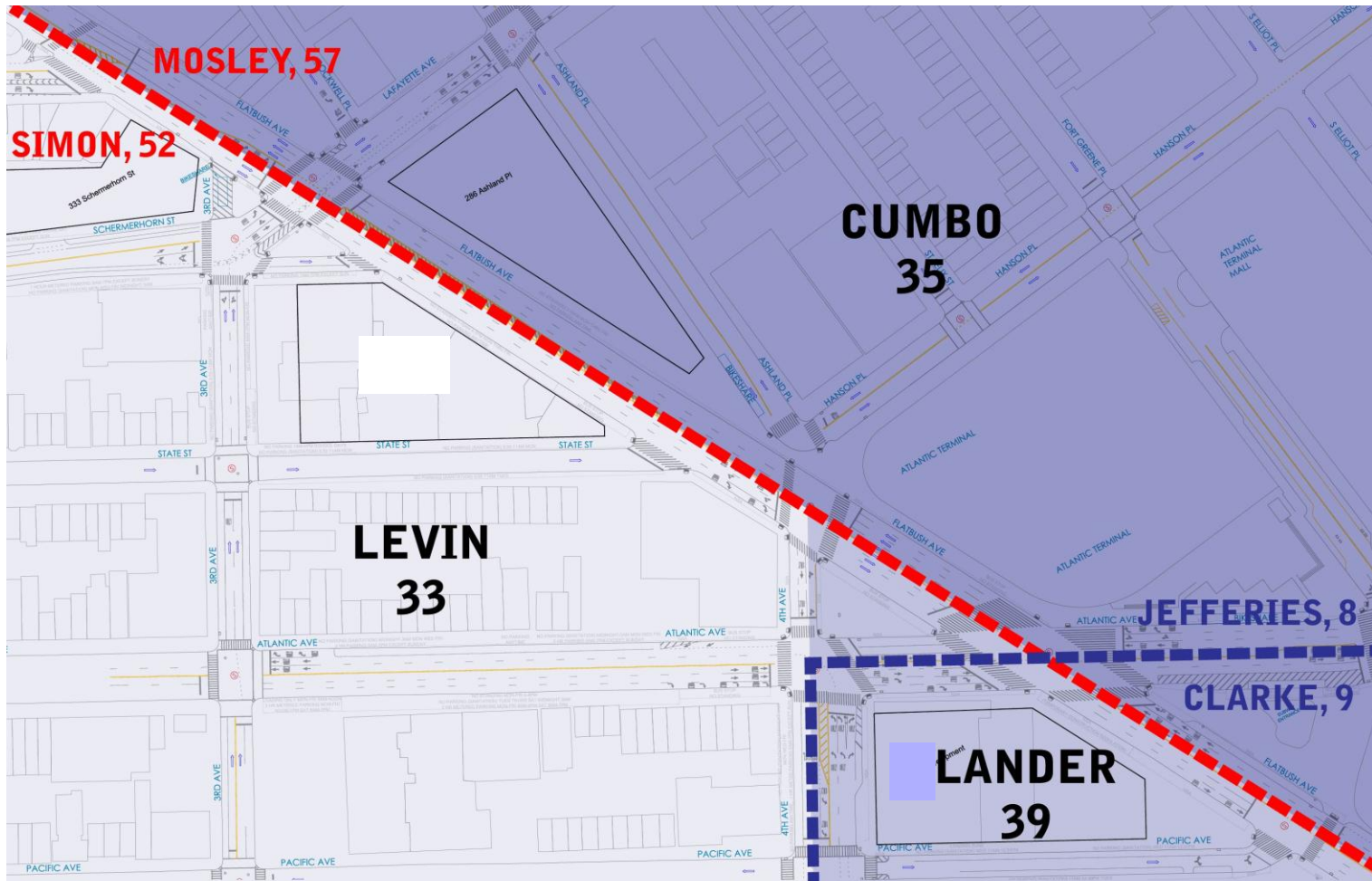
# Background



# PROJECT AREA



# ELECTED OFFICIALS



**Council, Assembly, & Congressional Districts**  
Entire area is NY Senate District 25, Montgomery

# WHY ARE WE HERE?



- Major intersection of three two-way arterials
- Multi-modal hub
- New residential and commercial development
- Major entertainment and shopping destination

# GOALS TONIGHT

- Present coordinated, comprehensive, area-wide safety plan
- Receive community comments on safety plan
- Develop context for individual projects that will be separately approved by the community board



# WORKSHOP GOALS



- Identify street safety concerns
- Discuss potential street design solutions
- Gather community input
- Brainstorm safety improvements



# PROJECT TIMELINE

Oct 19th stakeholder walkthrough

2015

Oct 19 – Flatbush Ave stakeholder walkthrough

2016

Jan 25 – C/M Cumbo Town Hall

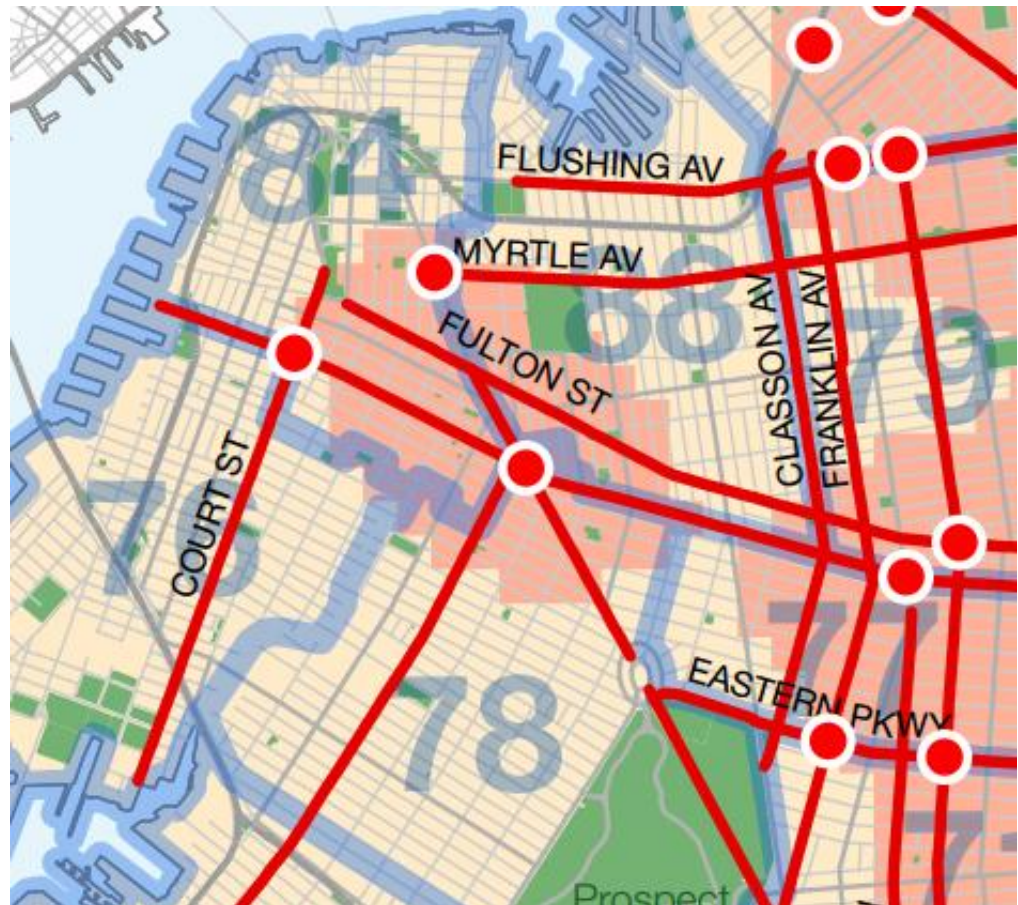
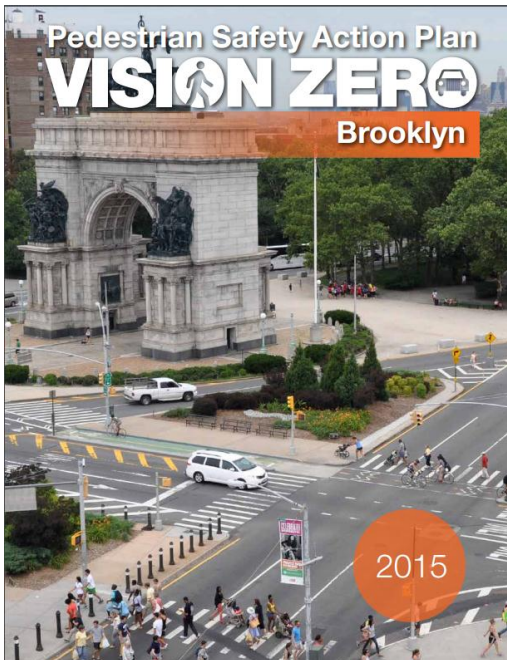
Jan 27 – Times Plaza Public Meeting

Aug 3 – DOT Public Workshop

# SAFETY – VISION ZERO

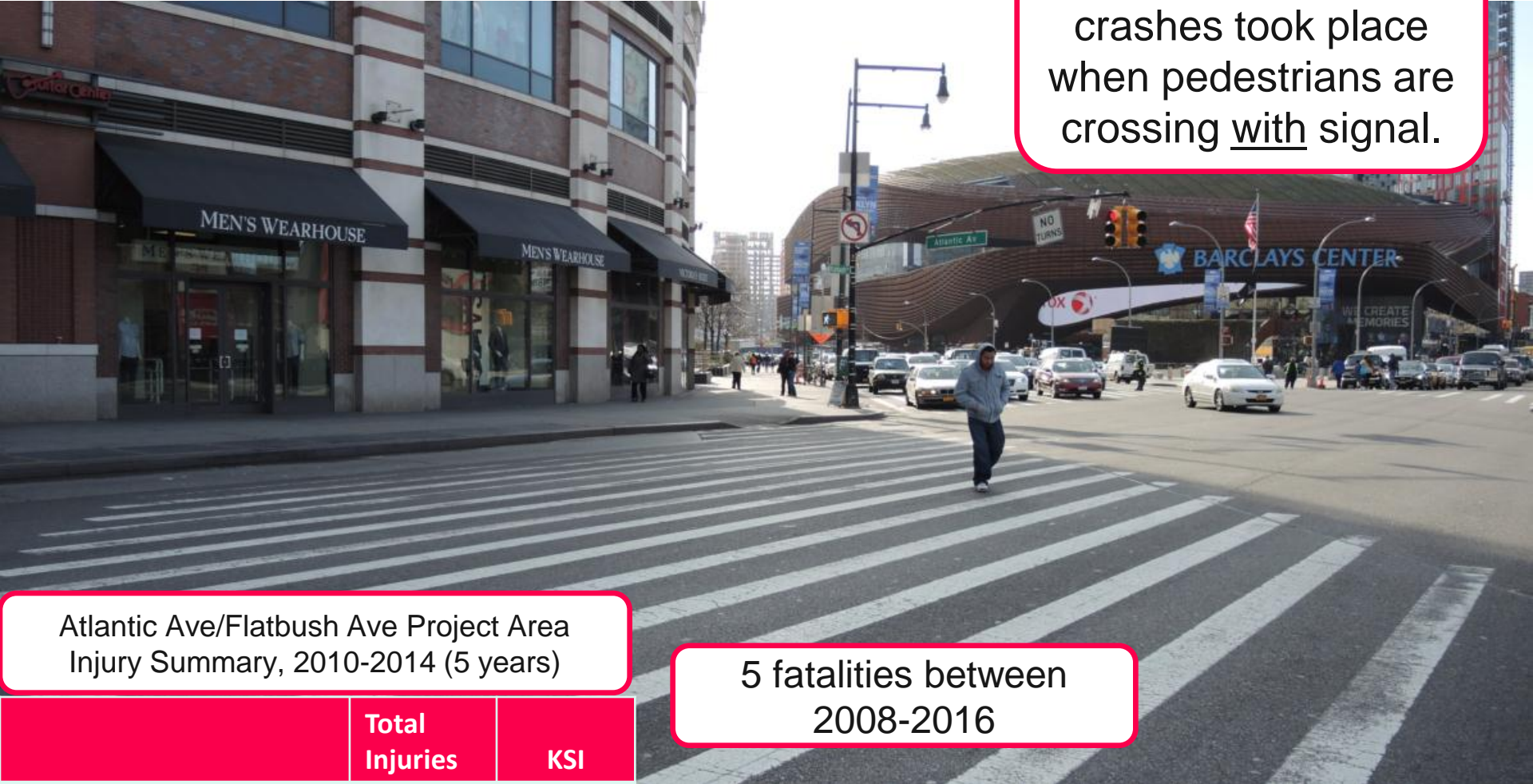
Atlantic Ave and Flatbush Ave:

- is a VZ intersection
- is within a VZ area
- are both VZ corridors



# SAFETY - CRASH DATA

51% of pedestrian crashes took place when pedestrians are crossing with signal.



Atlantic Ave/Flatbush Ave Project Area  
Injury Summary, 2010-2014 (5 years)

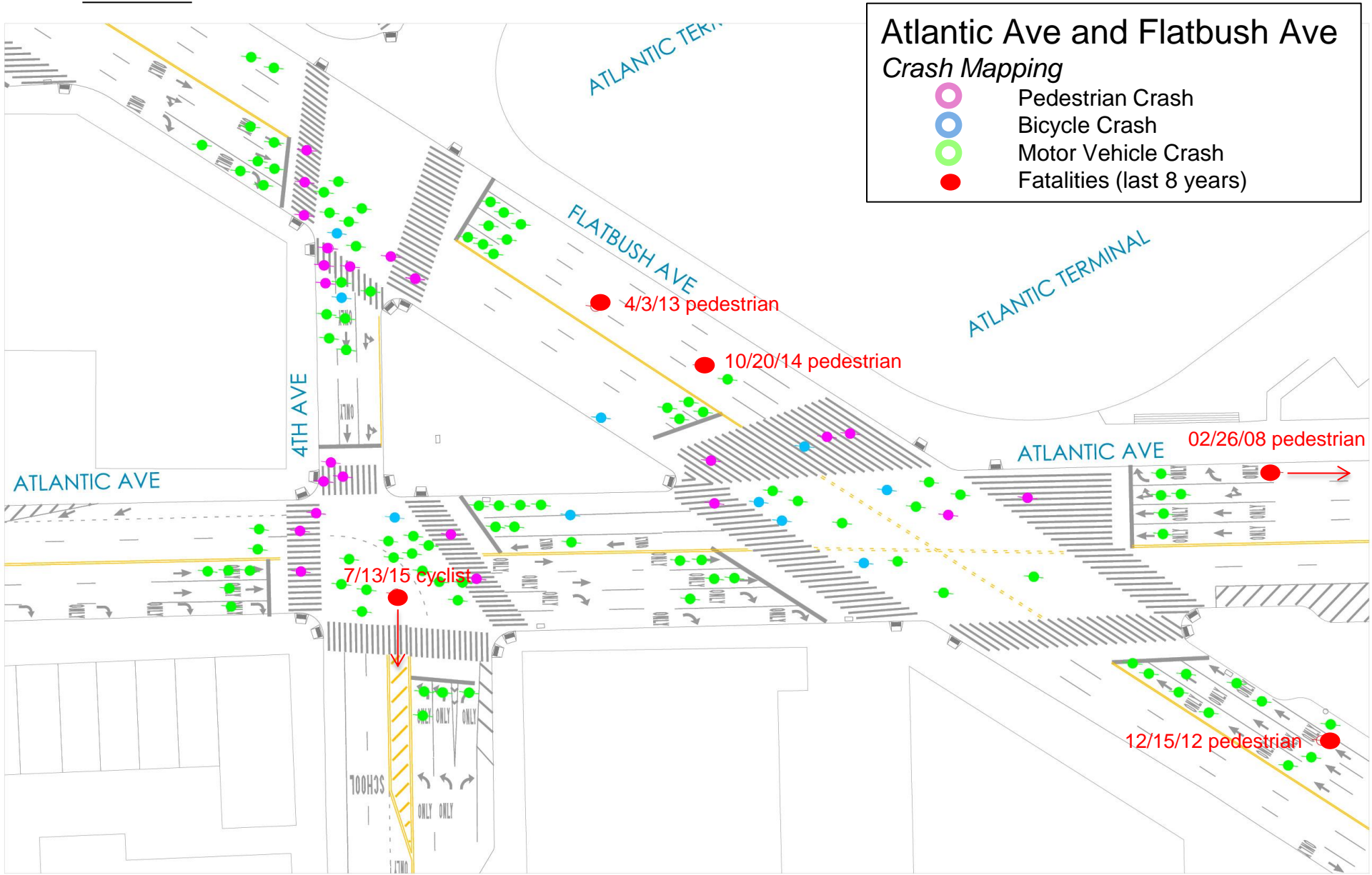
5 fatalities between  
2008-2016

Top 10% KSI\* in Brooklyn

	Total Injuries	KSI
Pedestrian	57	9
Bicyclist	21	4
Motor Vehicle Occupant	289	12
Total	367	25

\*Killed or Seriously Injured intersection safety metric

# SAFETY - CRASH DATA



---

## Existing Conditions

# 2

# EXISTING PLAN

----- Project Area



# EXISTING CONDITIONS

Underutilized Roadbed



3rd Avenue Slip Lane @ Schermerhon St (looking north)

# EXISTING CONDITIONS

Underutilized Roadbed



Schermerhorn Slip Lane @ 3<sup>rd</sup> Ave (looking north)



# EXISTING CONDITIONS

Long Pedestrian Crossings



Flatbush Ave @ Atlantic Ave (looking north)

# EXISTING CONDITIONS

Long Pedestrian Crossings



Flatbush Ave @ Lafayette Ave (looking east)

# EXISTING CONDITIONS

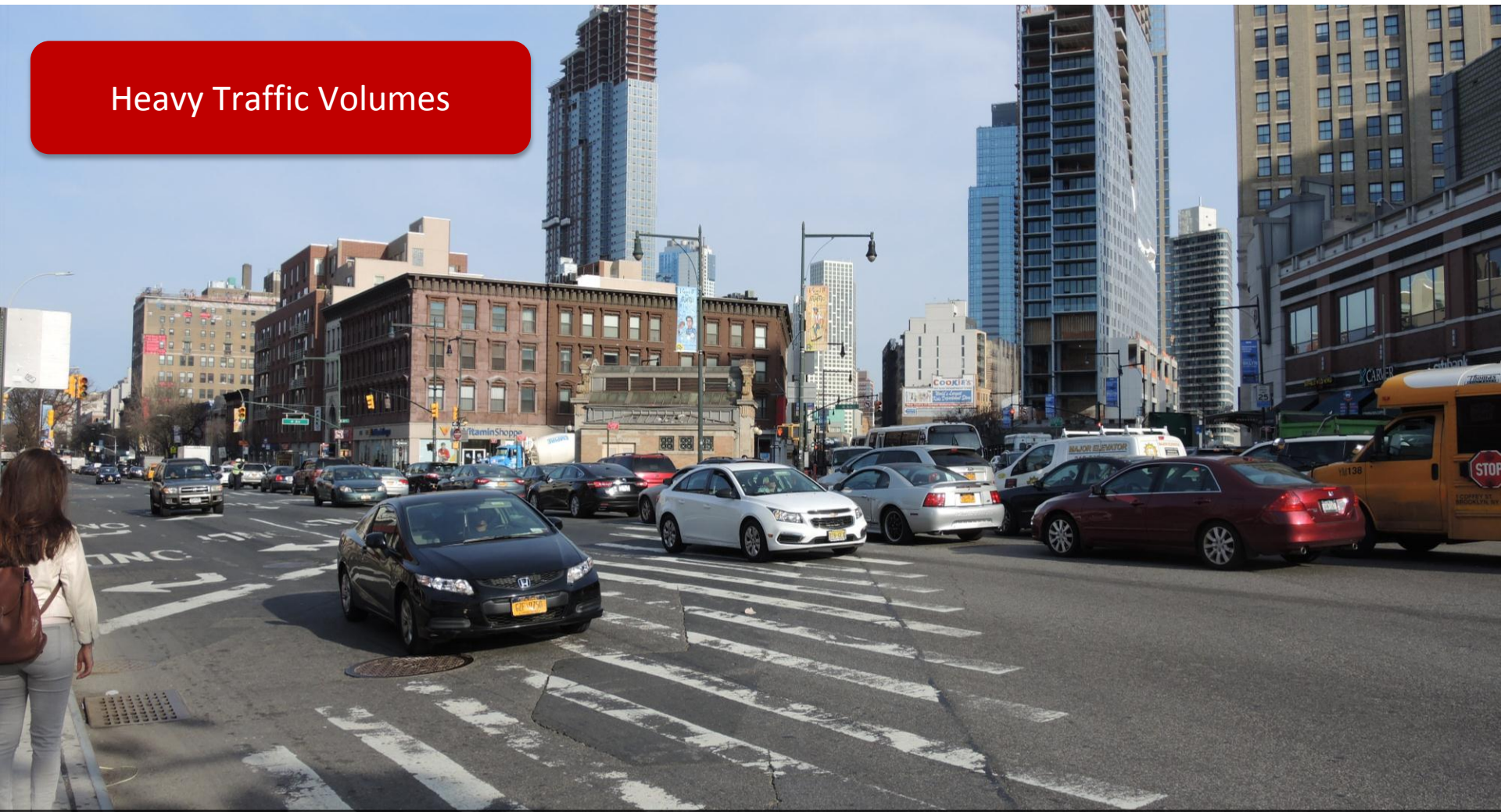
Heavy Traffic Volumes



Atlantic Ave @ Flatbush Ave (looking east)

# EXISTING CONDITIONS

Heavy Traffic Volumes



Atlantic Ave @ Flatbush Ave (looking west)

# EXISTING CONDITIONS

Heavy Turning Conflicts



Flatbush Ave @ Lafayette Ave (looking east)

# EXISTING CONDITIONS

Heavy Turning Conflicts



Flatbush Ave @ 4<sup>th</sup> Ave (looking south)

# EXISTING CONDITIONS

Heavy Turning Conflicts



Atlantic Ave @ Flatbush Ave (looking west)

# EXISTING CONDITIONS

Heavy Curbside Demand



Flatbush Ave @ 4<sup>th</sup> Ave (looking south)



# EXISTING CONDITIONS



Lack of Bike Connections

Flatbush Ave @ 4<sup>th</sup> Ave (looking south)

# EXISTING CONDITIONS



Frequent Taxi/Bus/Van drop offs

Flatbush Ave @ 4<sup>th</sup> Ave (looking south)

# EXISTING CONDITIONS



Unfriendly sidewalk design

Hanson Pl @ Flatbush Ave (looking north)

---

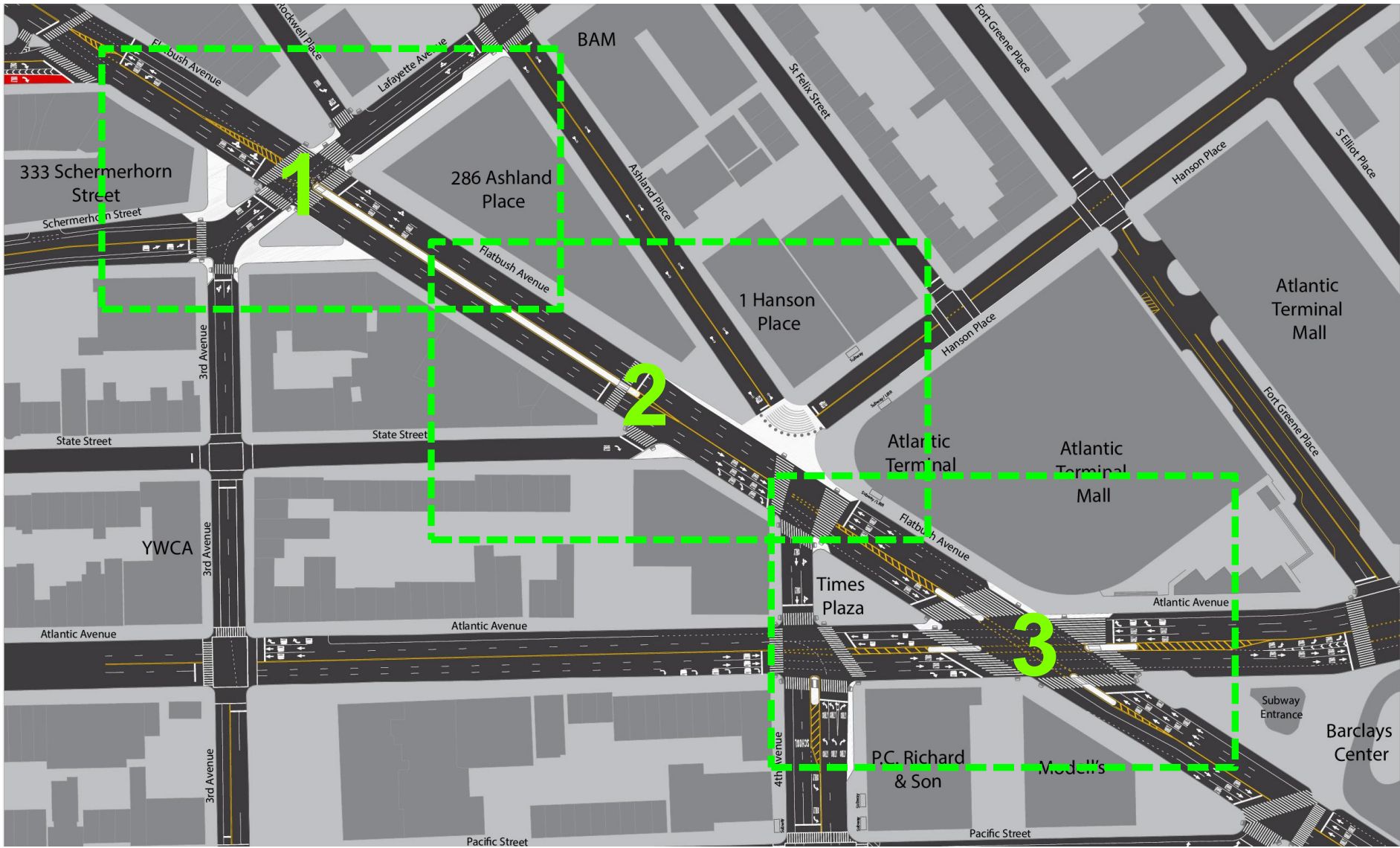
## Proposed Plan

# 3

# PROPOSED PLAN



# PROPOSED PLAN



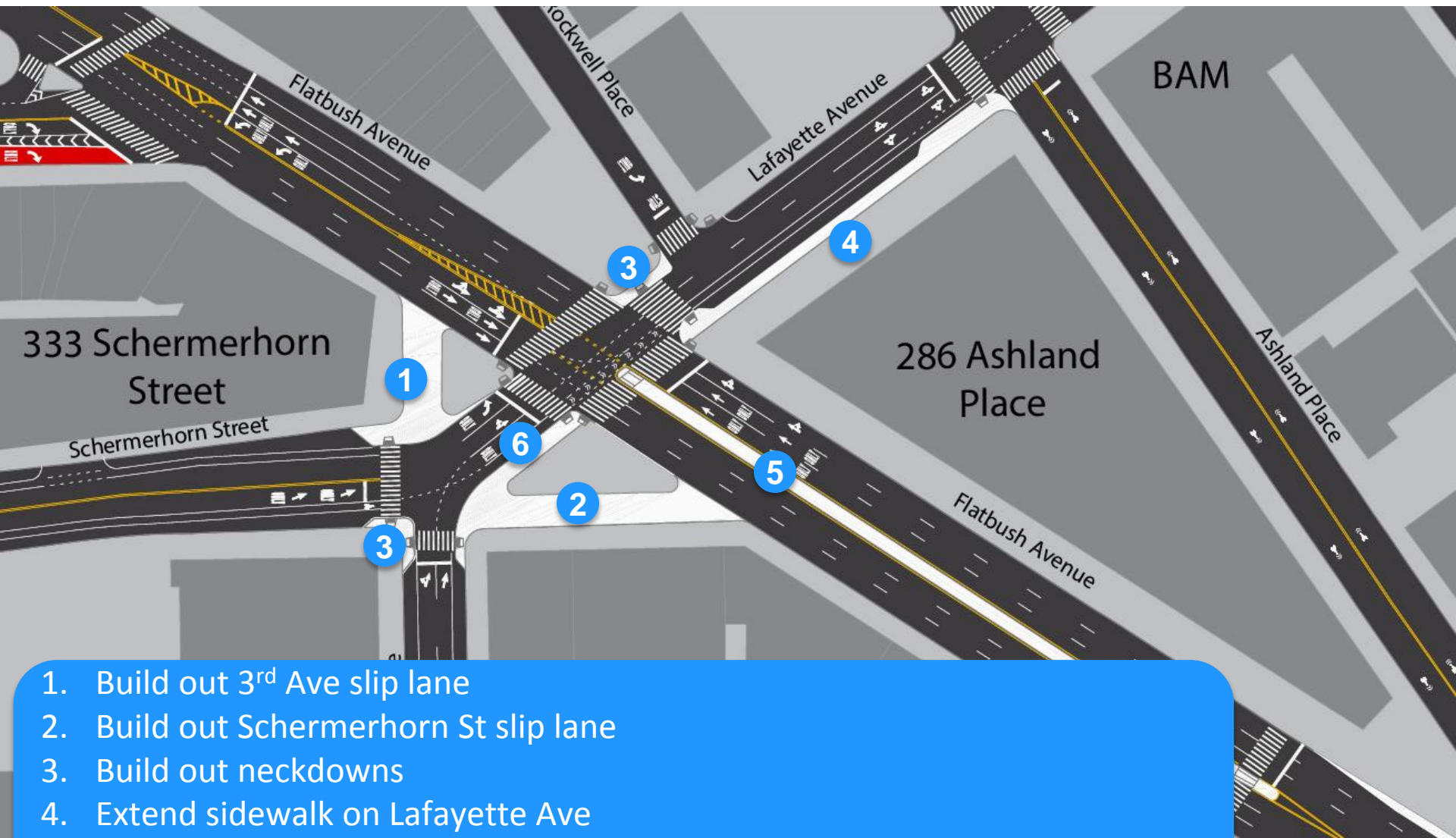
# PROPOSED PLAN

1



# PROPOSED PLAN

1



1. Build out 3<sup>rd</sup> Ave slip lane
2. Build out Schermerhorn St slip lane
3. Build out neckdowns
4. Extend sidewalk on Lafayette Ave
5. Build center median island from Lafayette Ave to 4<sup>th</sup> Ave
6. Enhance bicycle connection between Schermerhorn St and Lafayette Ave



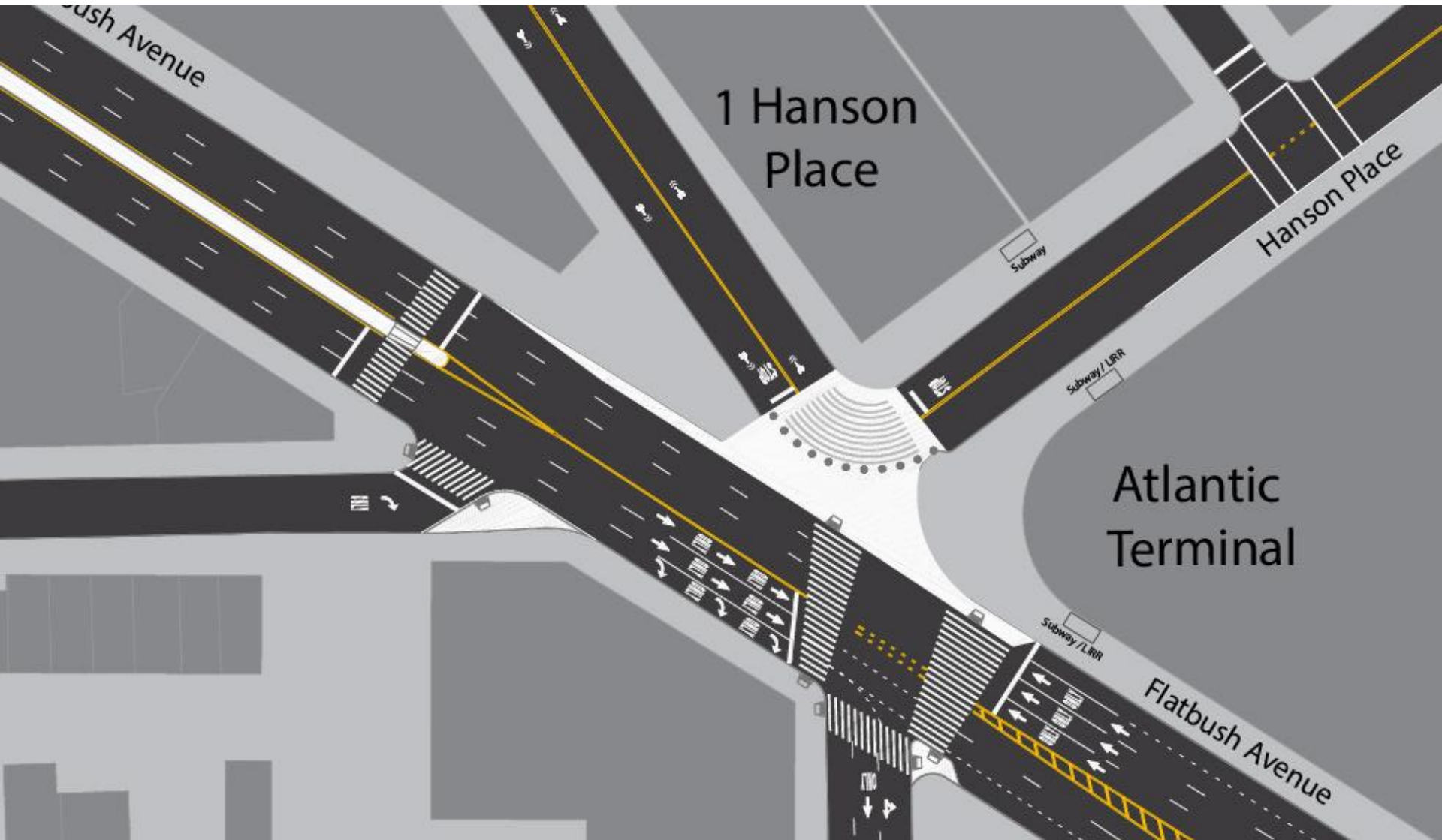
# PROPOSED PLAN

1



# PROPOSED PLAN

2



# PROPOSED PLAN

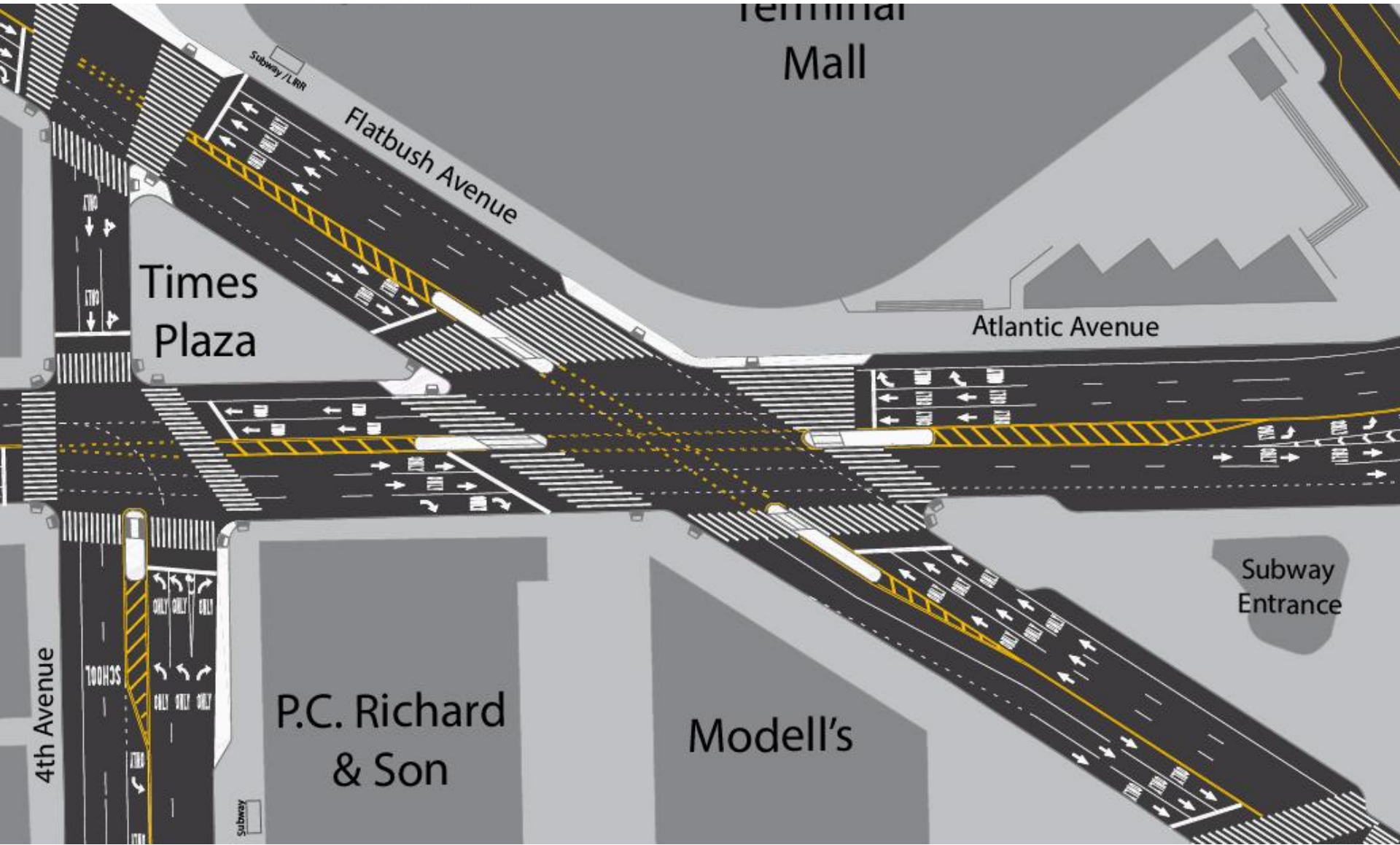
2



1. Build raised crosswalk on Ashland Pl/Hanson Pl
2. Install new traffic signal just north of State St with crosswalk
3. Build out neckdown

# PROPOSED PLAN

3

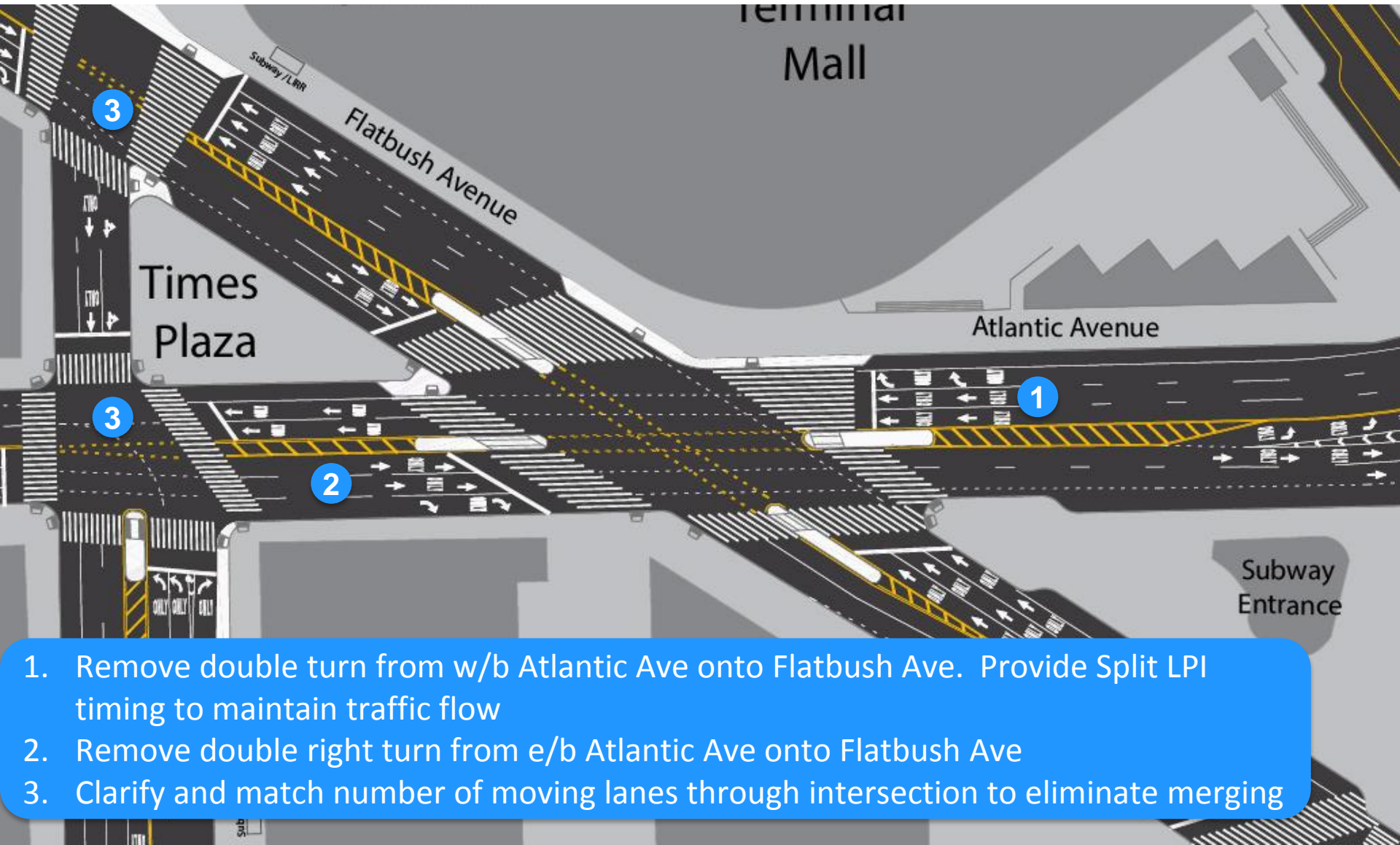


# PROPOSED PLAN



1. Build out pedestrian safety islands
2. Extend sidewalk on 4<sup>th</sup> Ave approaching Atlantic Ave
3. Build out neckdowns
4. Widen road to reserve space for potential bicycle connection adj to Times Plaza
5. New crosswalk across Flatbush Ave to Barclays Center

# PROPOSED PLAN



# MAP EXERCISE

- DOT Staff Introduction
- Map orientation
- Discussion Questions
- Tell us:
  - Problems
  - Opportunities
  - Feedback on proposal
- Data slides will cycle through on screen
- 7:15 Groups report back



# NEXT STEPS

- Feedback tonight will be synthesized to further develop comprehensive plan
- From comprehensive plan, quick-response and long term capital projects will be identified
- As construction and funding partners are identified, individual projects will be presented to the community board for approval
- As new opportunities develop, DOT will revise the comprehensive plan





# THANK YOU!

---



NYC DOT



NYC DOT



nyc\_dot



NYC DOT