



# 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)



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## Background

# 1

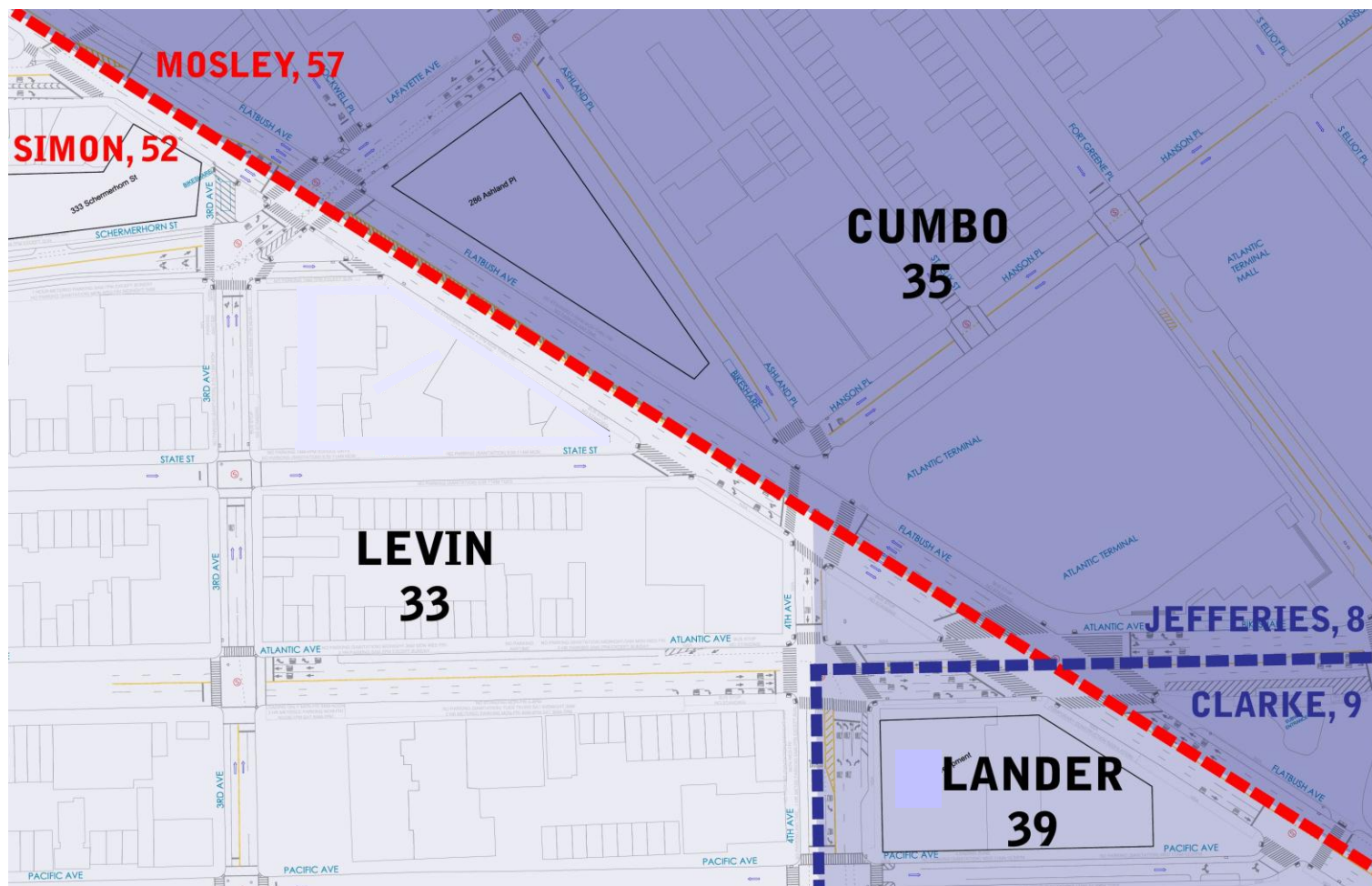


# PROJECT AREA





# ELECTED OFFICIALS



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



# WHY ARE WE HERE?

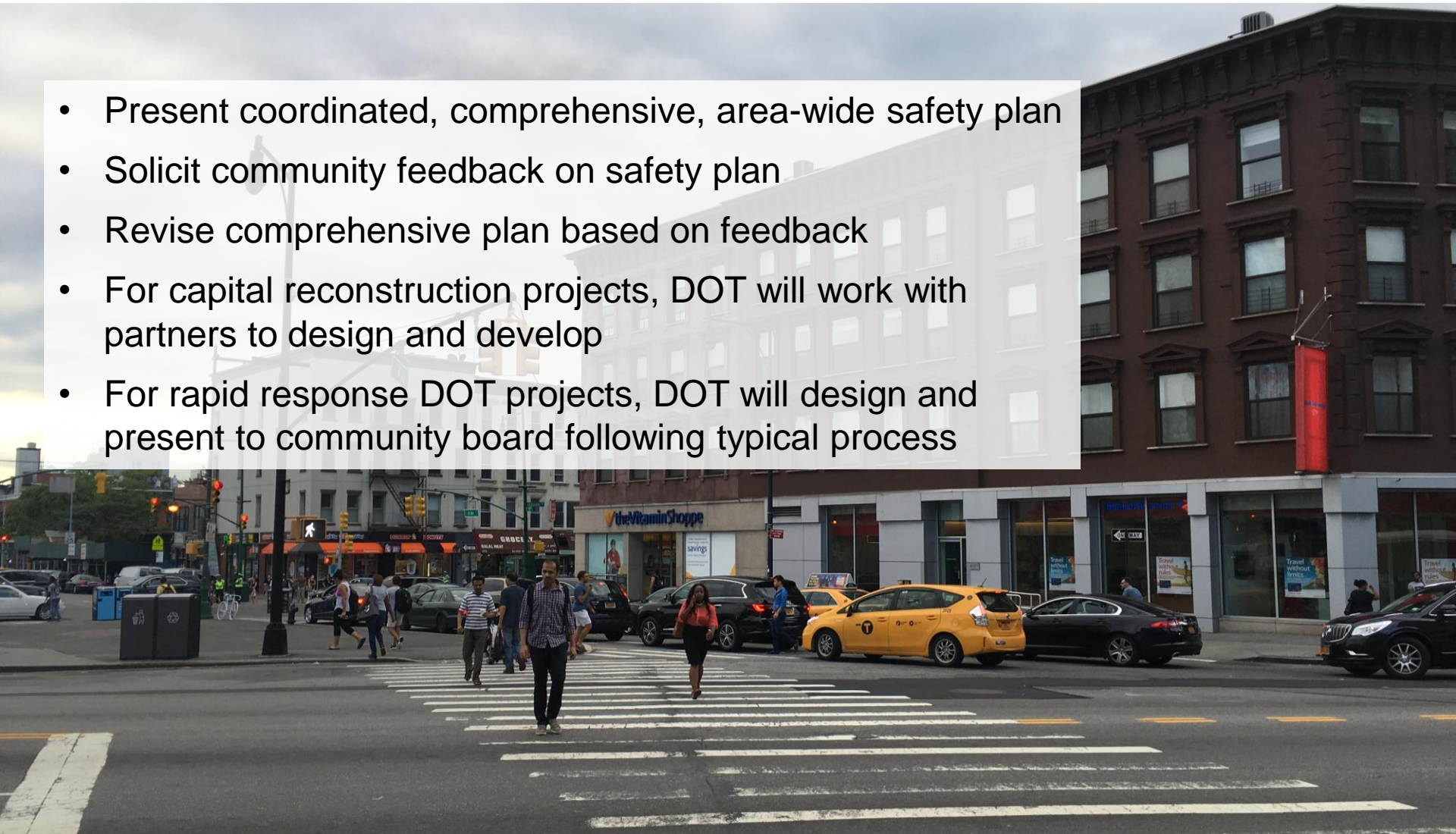


- Major intersection of three two-way arterials
- Multi-modal hub
- New residential and commercial development
- Major entertainment and shopping destination



# PROCESS

- Present coordinated, comprehensive, area-wide safety plan
- Solicit community feedback on safety plan
- Revise comprehensive plan based on feedback
- For capital reconstruction projects, DOT will work with partners to design and develop
- For rapid response DOT projects, DOT will design and present to community board following typical process





# 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

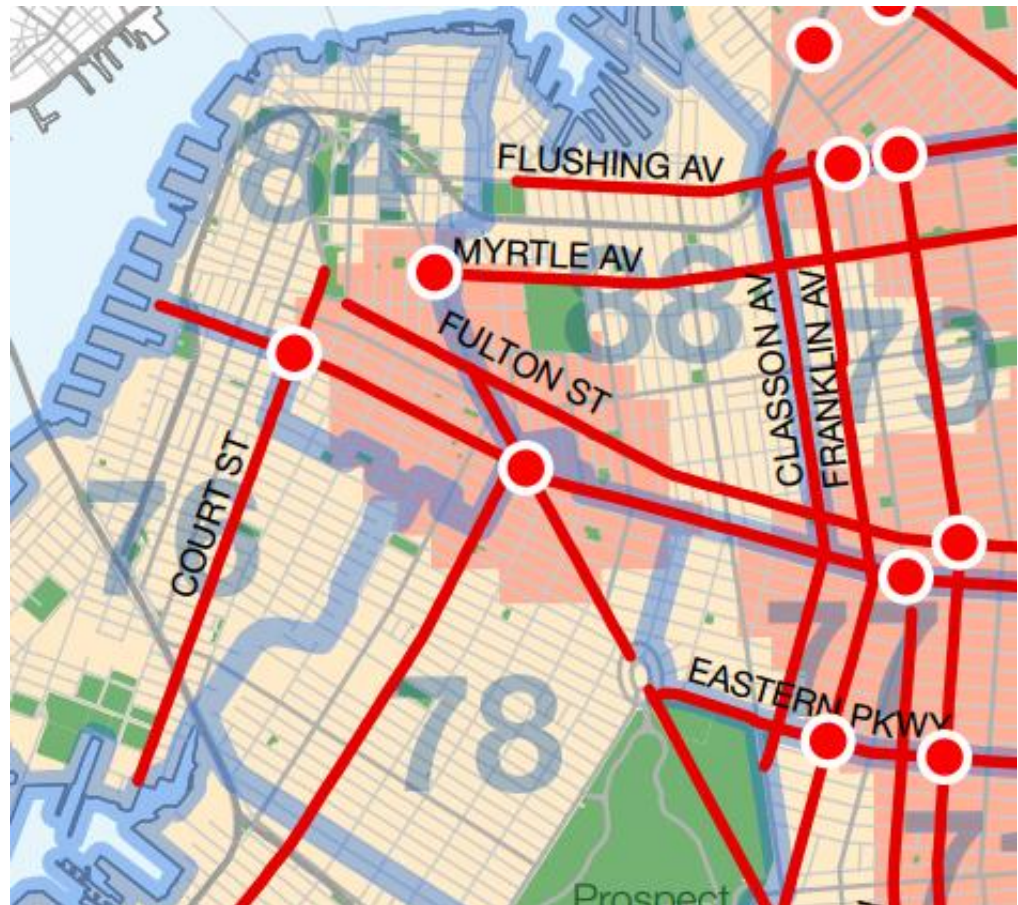
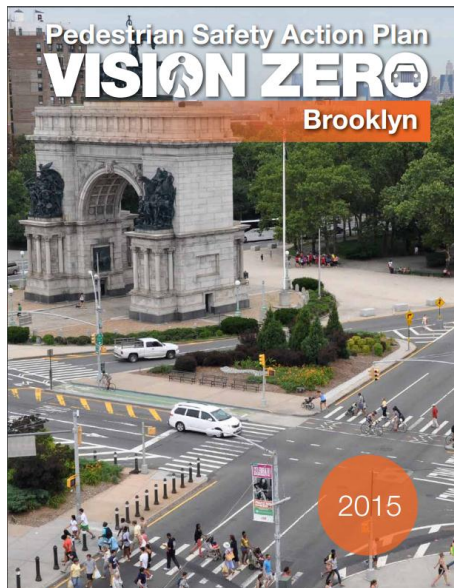
Aug 3 – DOT Public Workshop



# SAFETY – VISION ZERO

Atlantic Ave and Flatbush Ave:

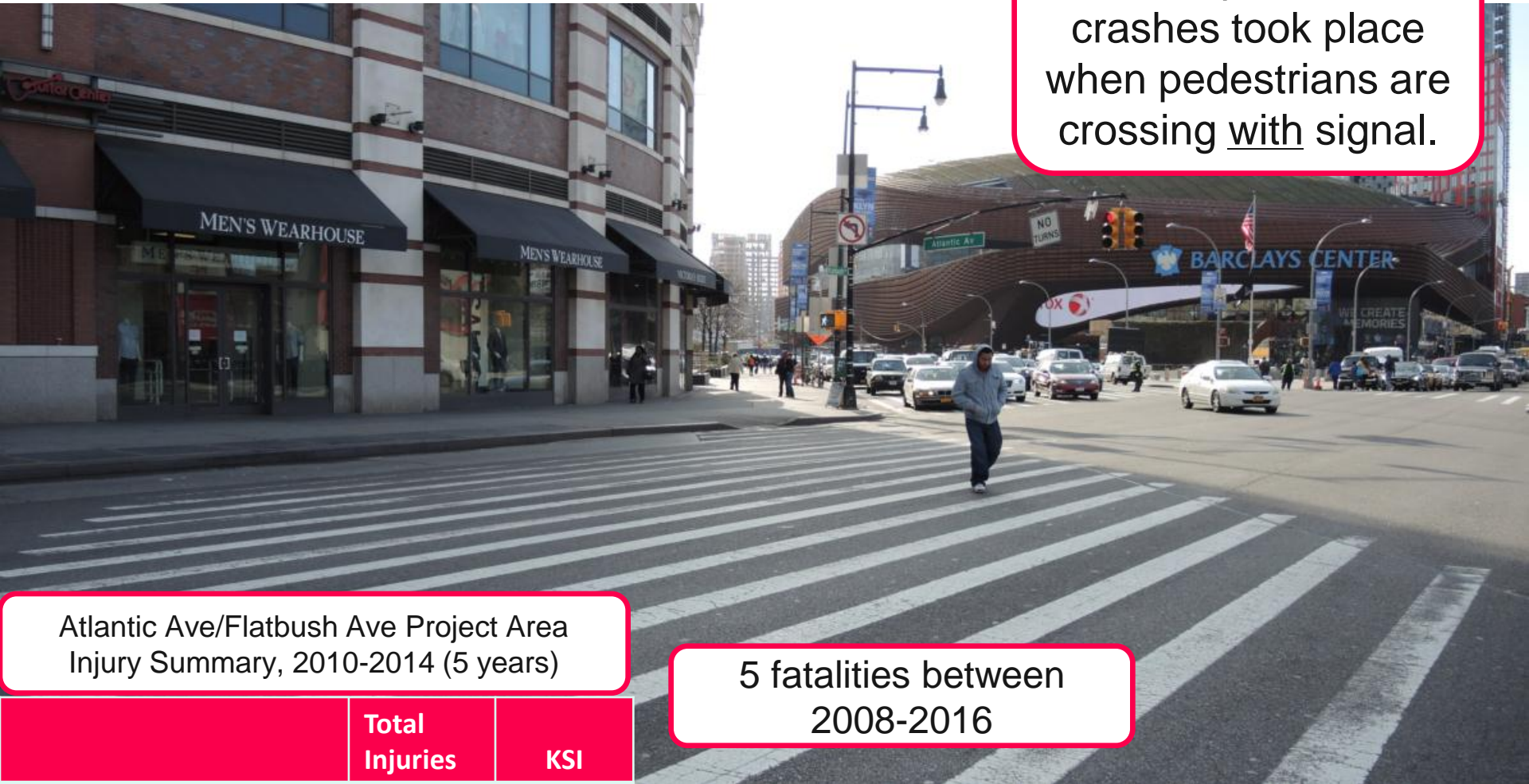
- is a VZ intersection
- is within a VZ area
- are both VZ corridors





# SAFETY - CRASH DATA

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



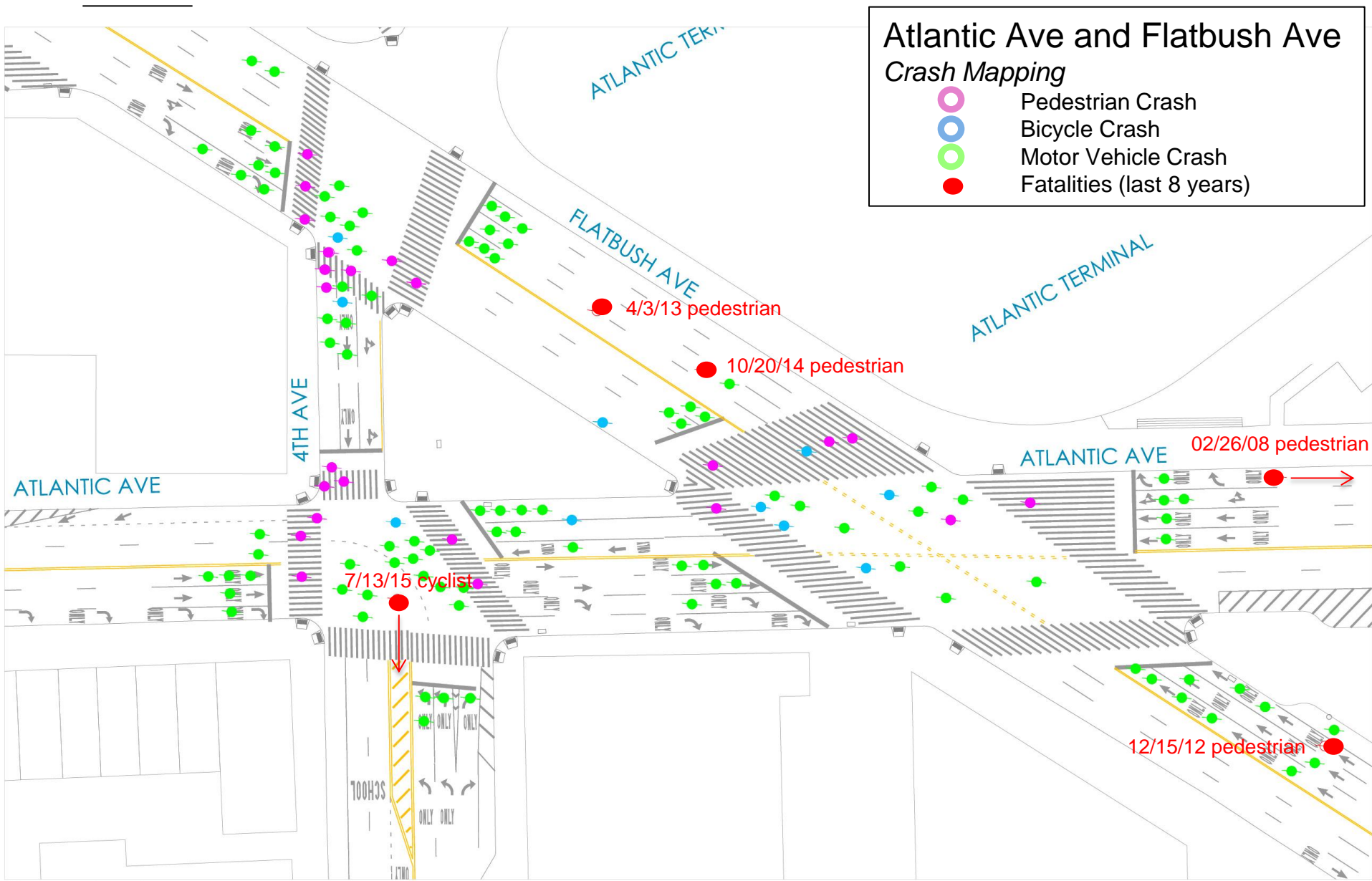
Atlantic Ave/Flatbush Ave Project Area  
Injury Summary, 2010-2014 (5 years)

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

5 fatalities between  
2008-2016

Top 10% KSI\* in Brooklyn

\*Killed or Seriously Injured  
intersection safety metric





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## Existing Conditions

# 2

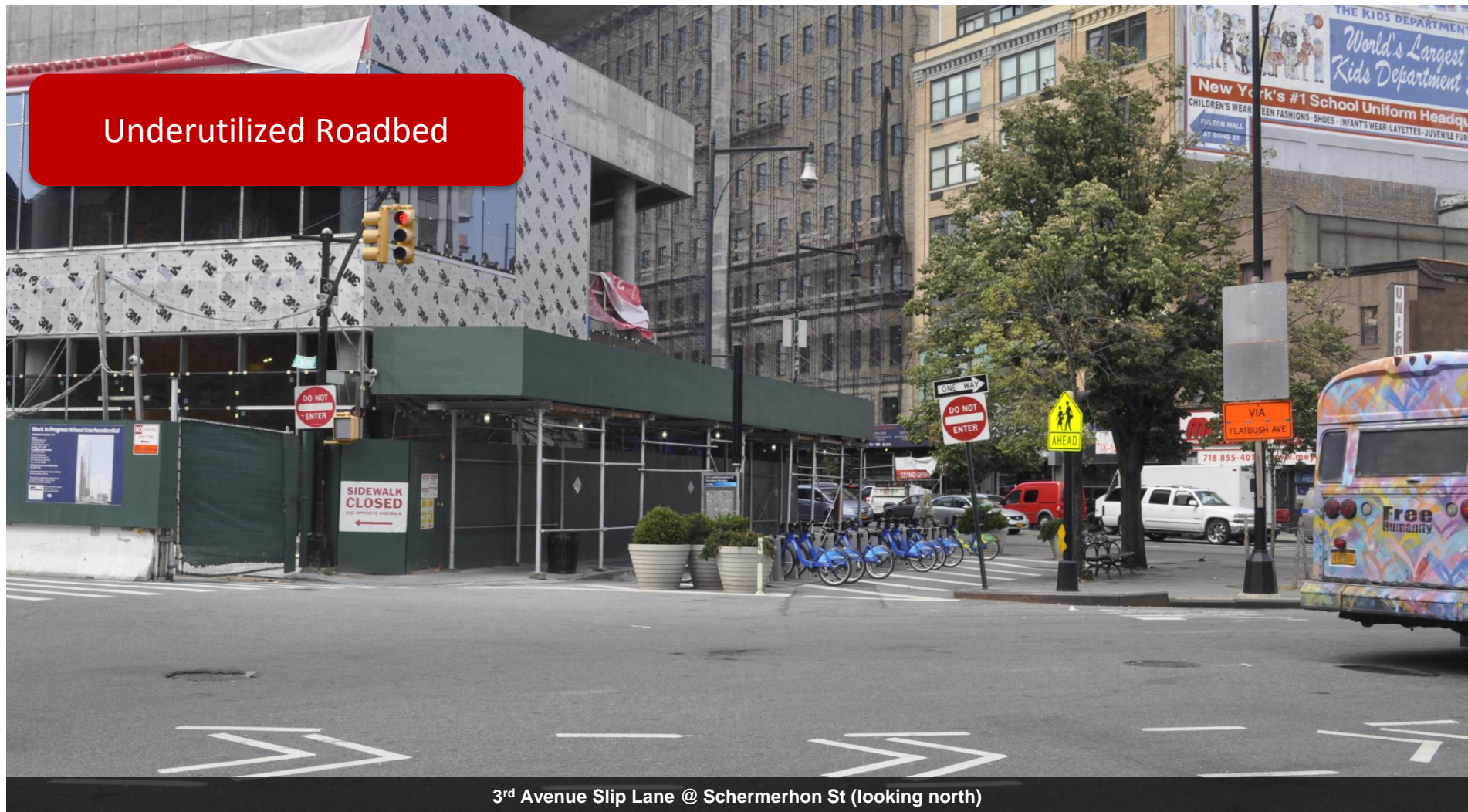
# EXISTING PLAN

----- Project Area





# EXISTING CONDITIONS



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



# EXISTING CONDITIONS

Underutilized Roadbed

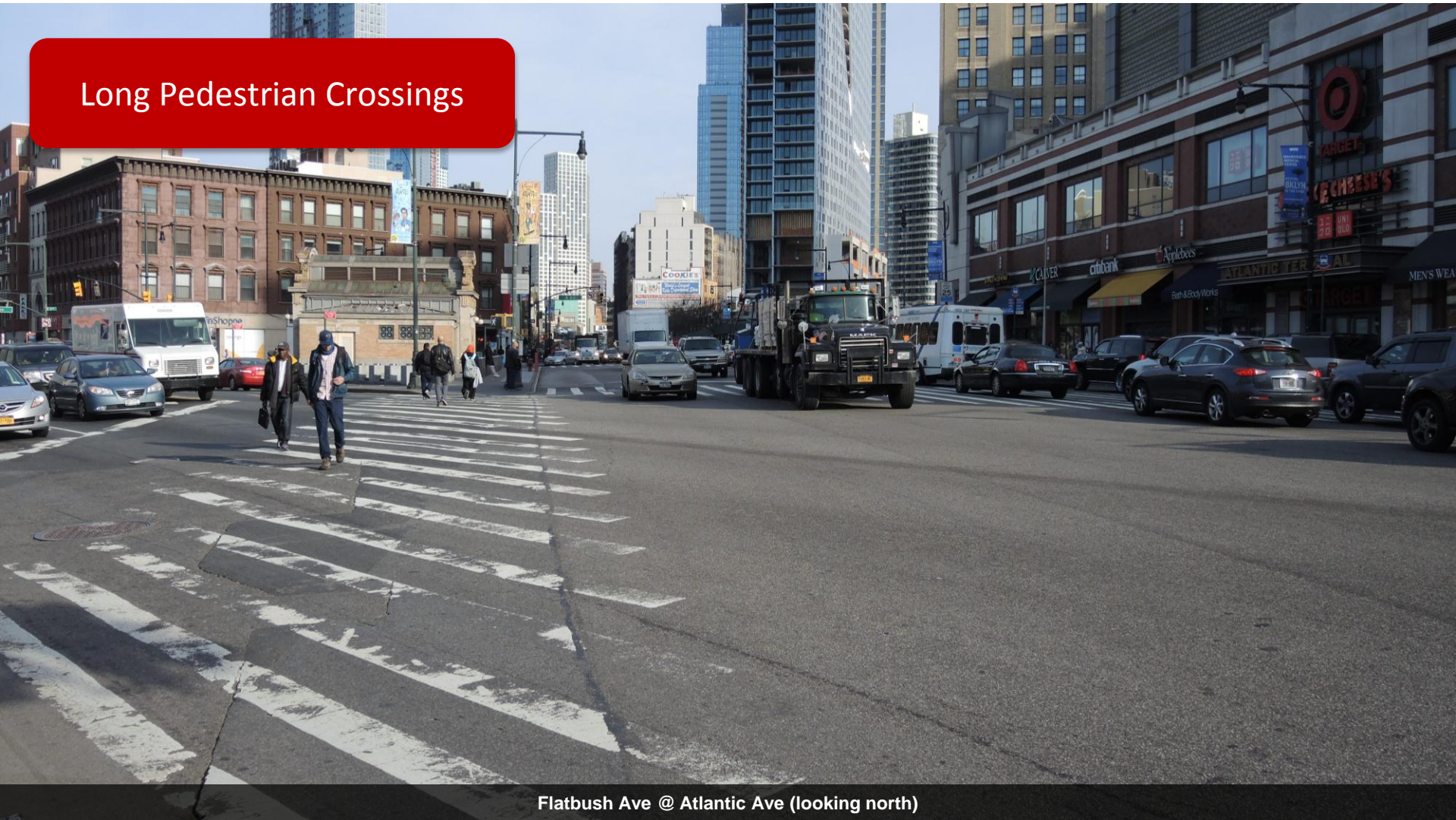


Schermerhorn St Slip Lane @ 3<sup>rd</sup> Ave (looking south)



# 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

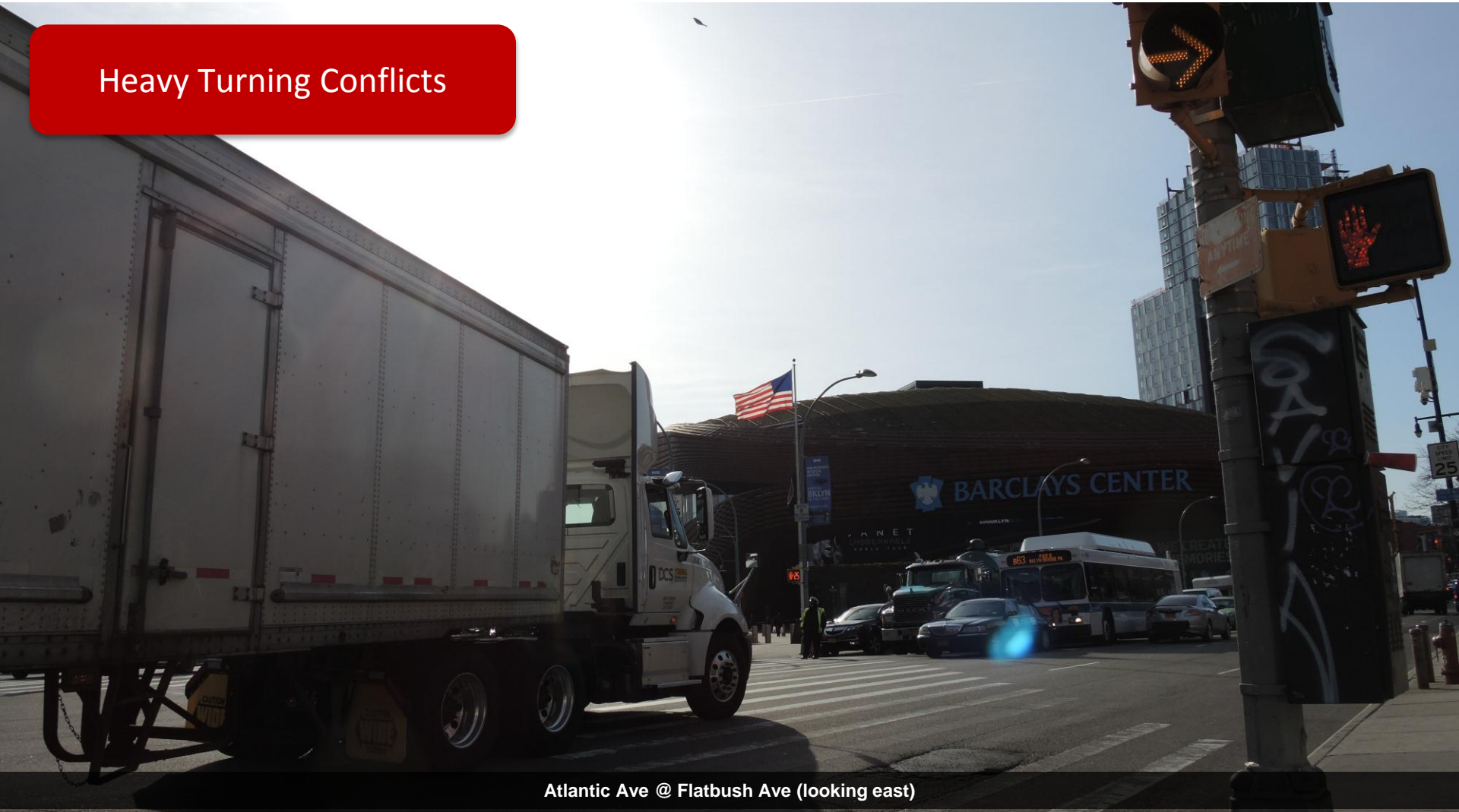
Heavy Traffic Volumes



Atlantic Ave @ Flatbush Ave (looking west)

# EXISTING CONDITIONS

## Heavy Turning Conflicts

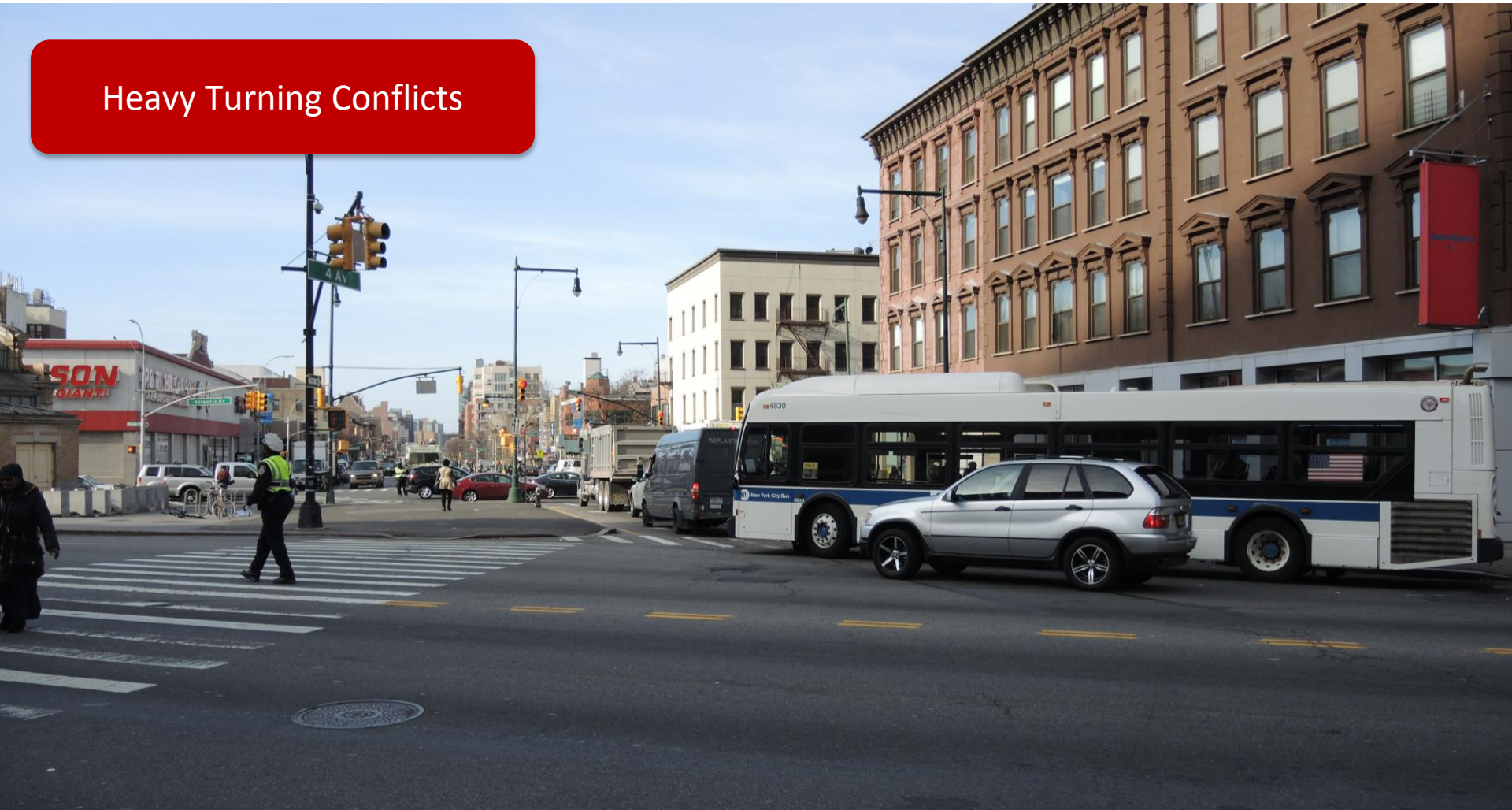


Atlantic Ave @ Flatbush Ave (looking east)



# EXISTING CONDITIONS

## Heavy Turning Conflicts



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

# EXISTING CONDITIONS

## Heavy Turning Conflicts



Flatbush Ave @ Atlantic Ave (looking west)



# EXISTING CONDITIONS

Heavy Curbside Demand



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

# EXISTING CONDITIONS





# EXISTING CONDITIONS



# EXISTING CONDITIONS



Unfriendly Sidewalk Design

Hanson Pl @ Ashland Pl (looking north)



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Proposed Plan

3

# PROPOSED PLAN





# PROPOSED PLAN



# PROPOSED PLAN

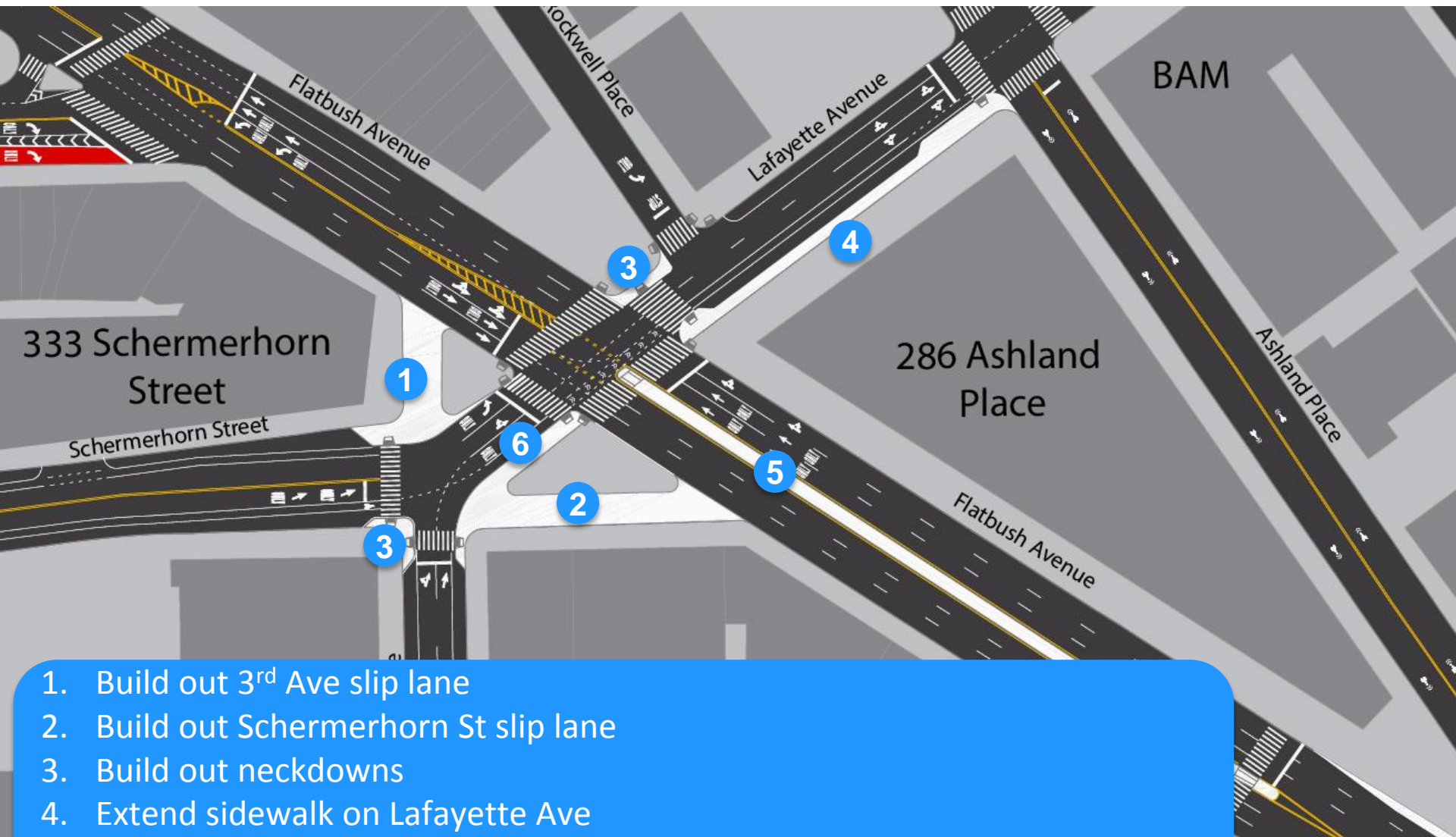
1





# PROPOSED PLAN

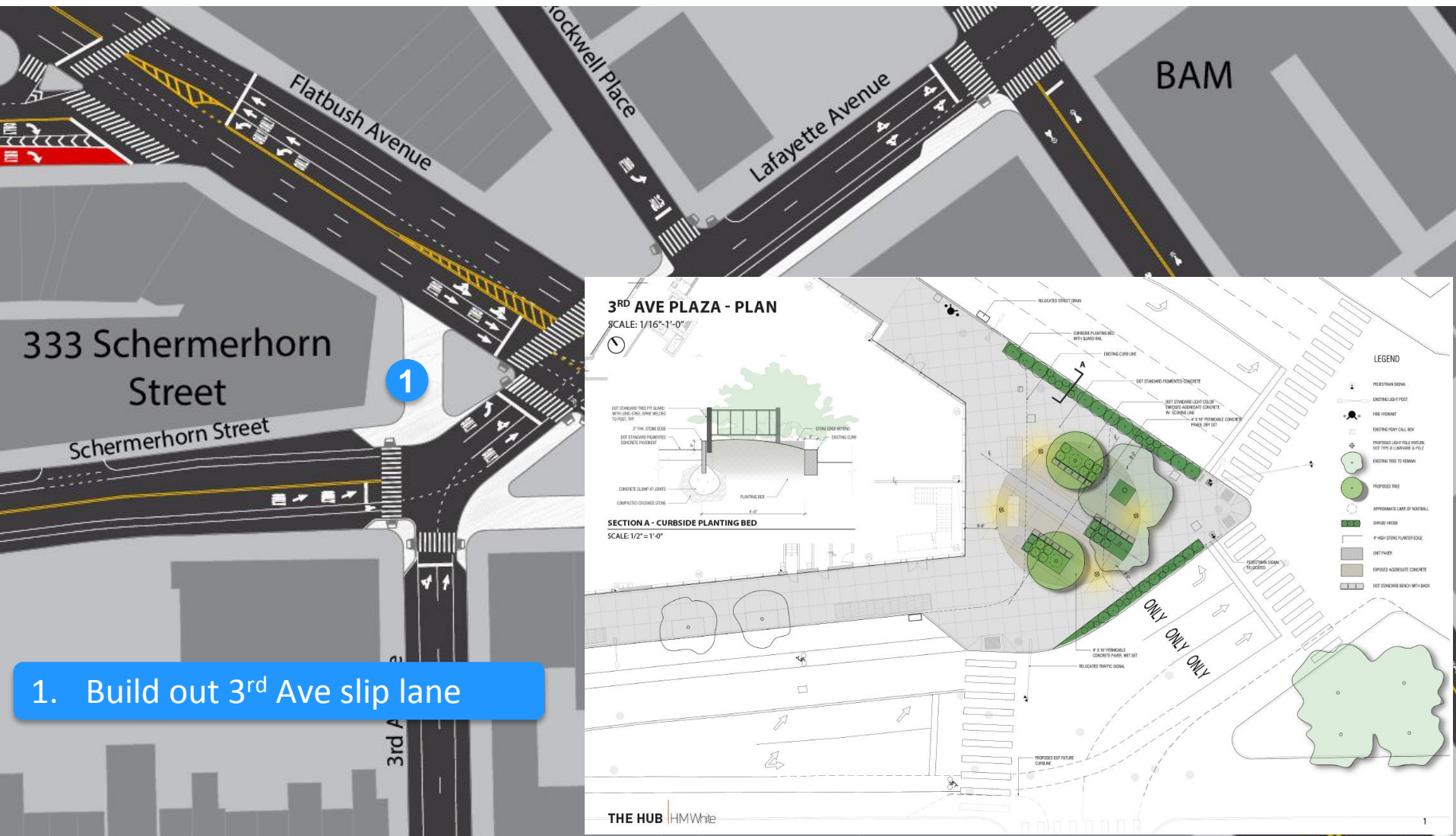
1



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

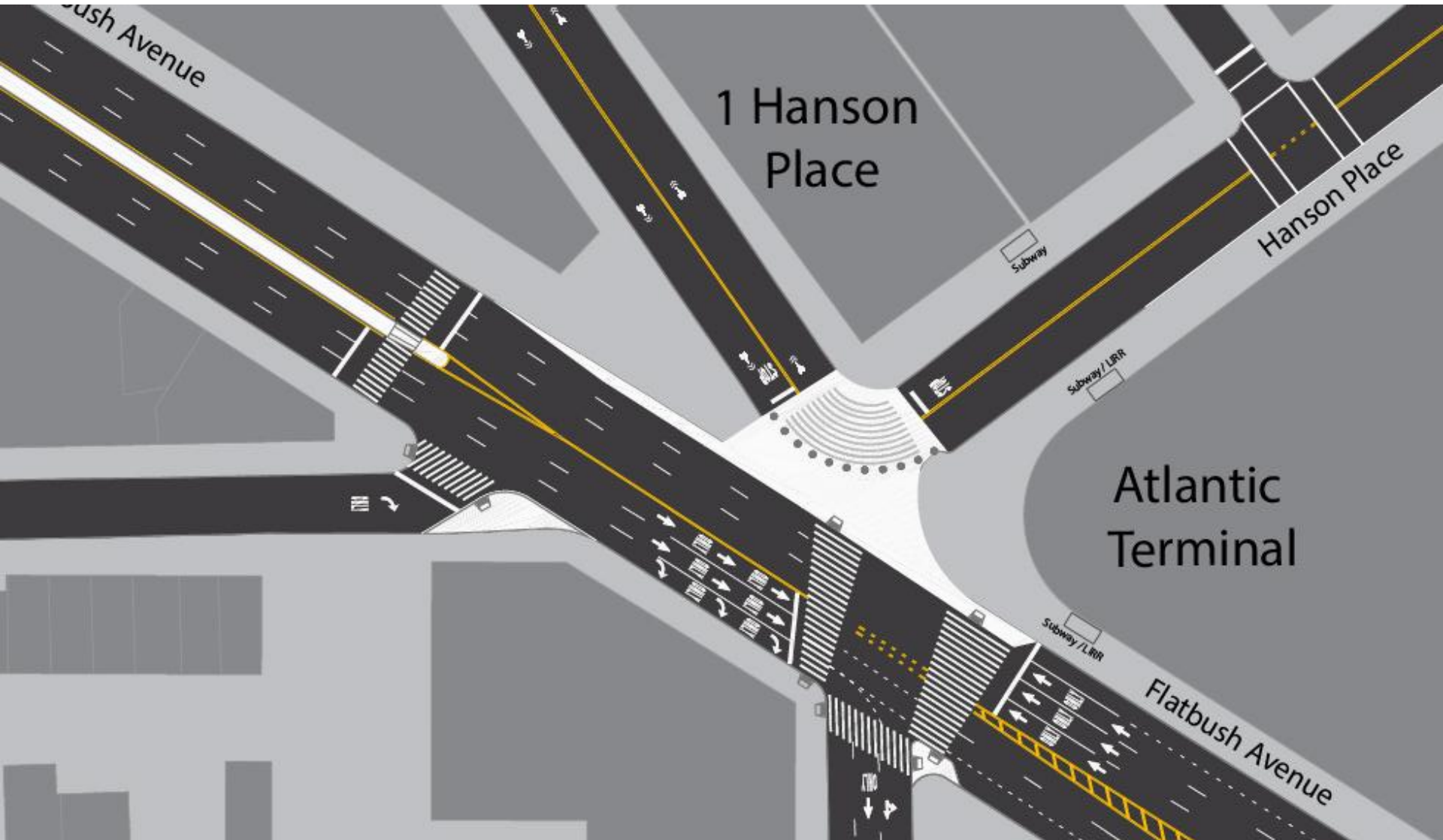


1. Build out 3<sup>rd</sup> Ave slip lane



# PROPOSED PLAN

2



# PROPOSED PLAN

2

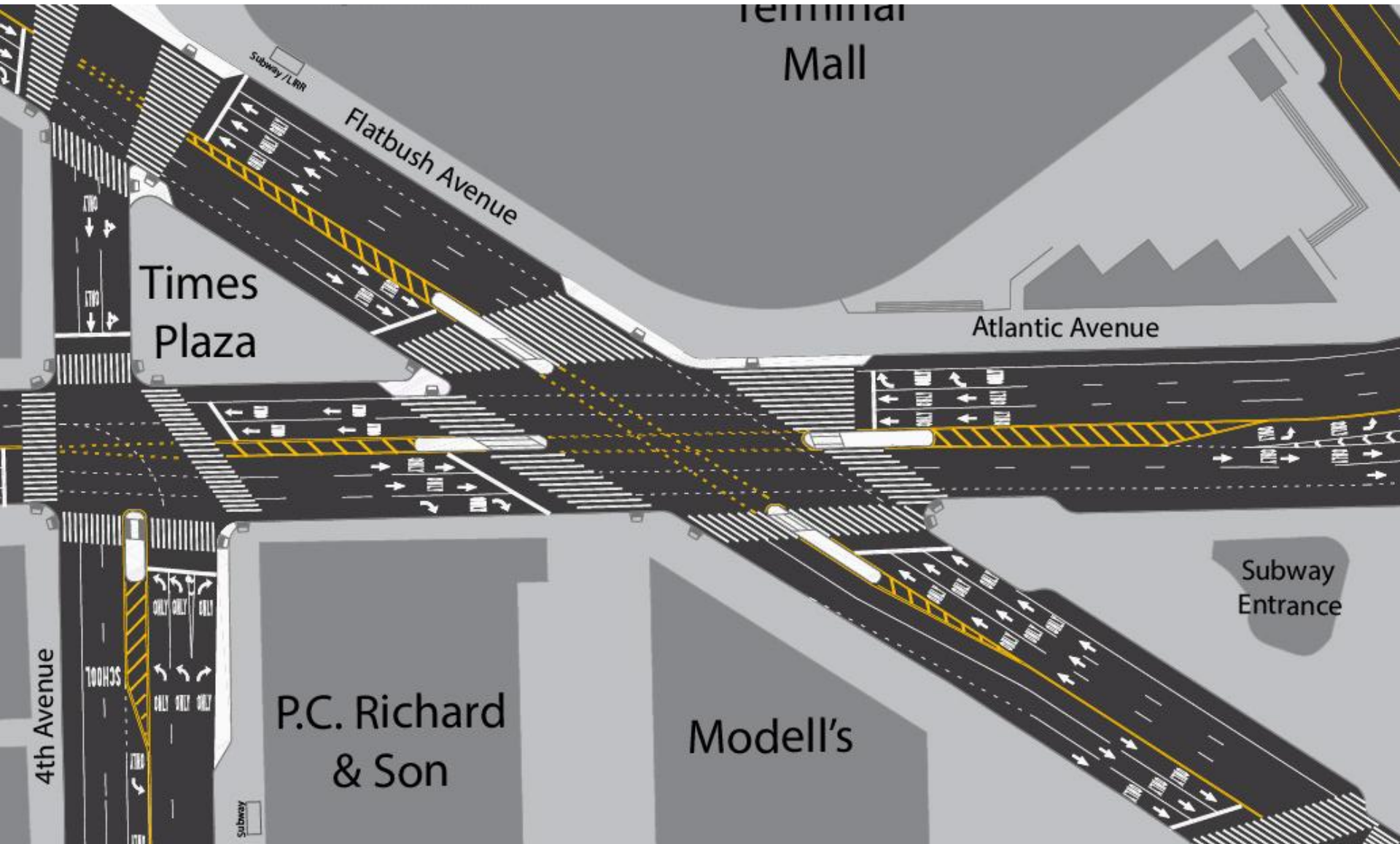


1. Build raised crosswalk on Ashland Pl/Hanson Pl
2. Install new traffic signal just north of State St with crosswalk
3. Build out neckdown



# PROPOSED PLAN

3



# PROPOSED PLAN

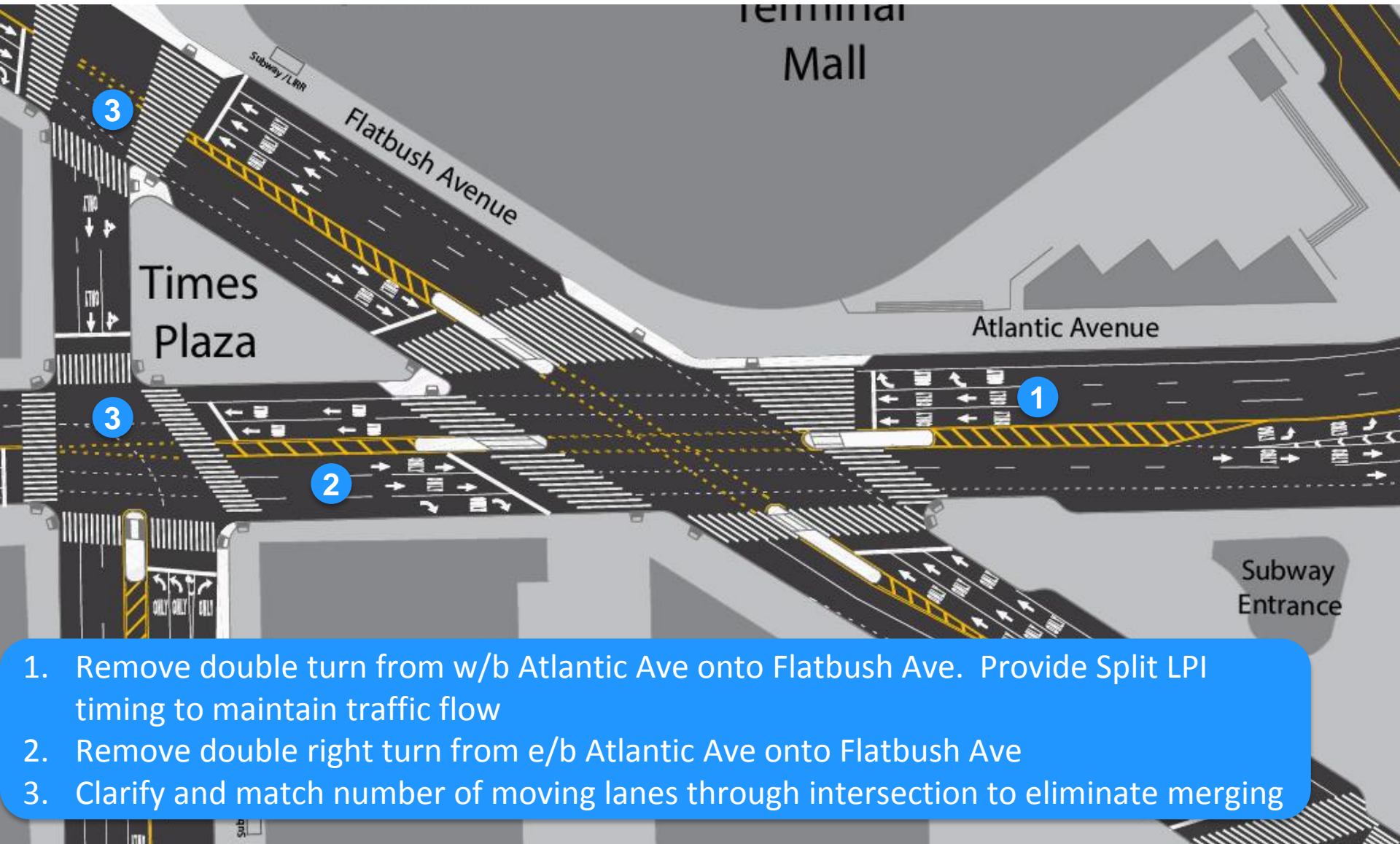
3



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



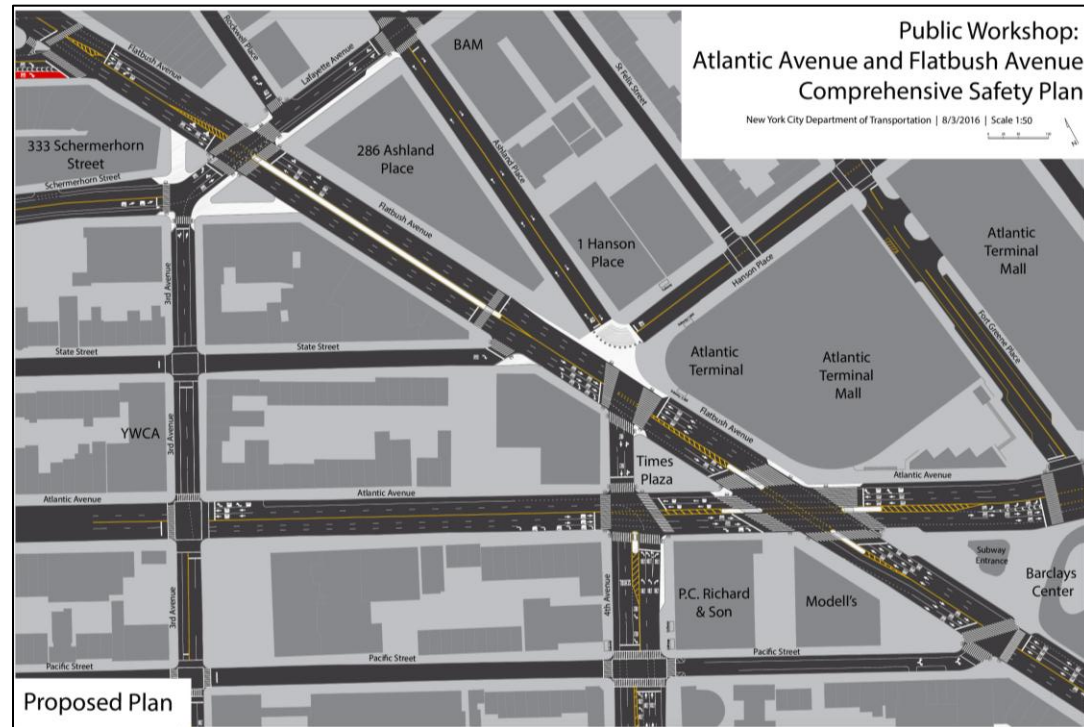
# PROPOSED PLAN



1. Remove double turn from w/b Atlantic Ave onto Flatbush Ave. Provide Split LPI timing to maintain traffic flow
2. Remove double right turn from e/b Atlantic Ave onto Flatbush Ave
3. Clarify and match number of moving lanes through intersection to eliminate merging

# MAP EXERCISE

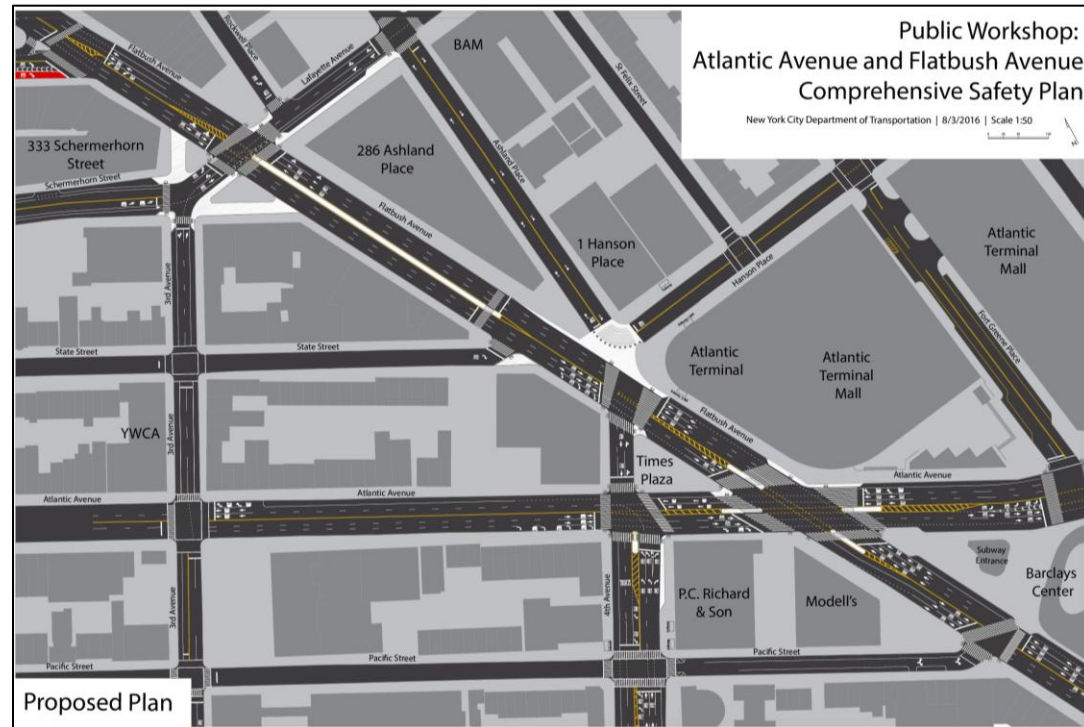
- DOT Staff Introduction
- Map orientation
- Discussion Questions
- Tell us:
  - Problems
  - Opportunities
  - Feedback on proposal
- Data slides will cycle through on screen
- 7:15 Groups report back





# 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!

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Comments/Questions?

Contact Abigail Ikner at [aikner@dot.nyc.gov](mailto:aikner@dot.nyc.gov)



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