

# Vanderbilt Avenue Bicycle Lanes and Traffic Calming

## Dean Street to Flushing Avenue



Summer  
2010

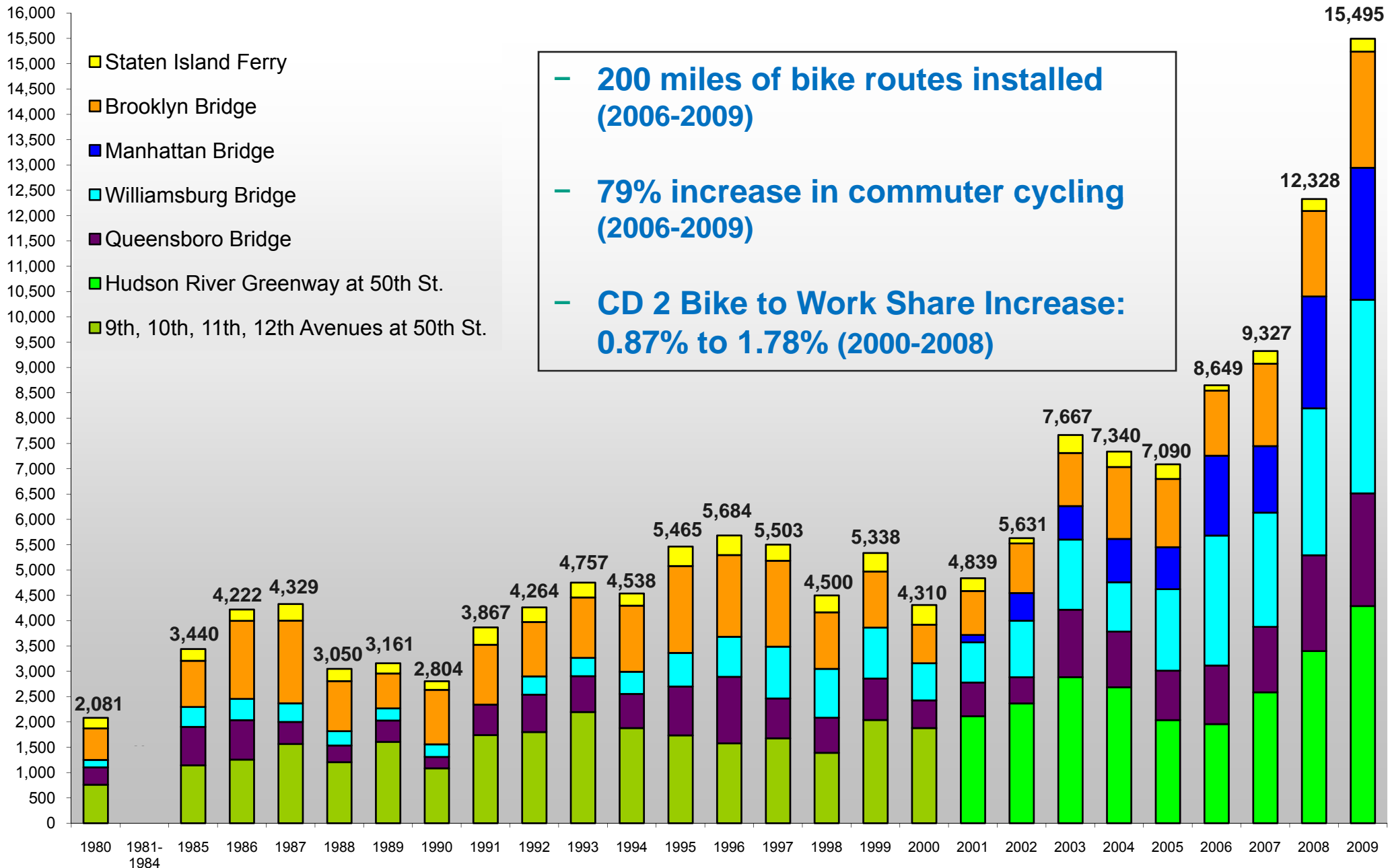
# NYC Cycling Background

Cyclist  
Volume

## New York City Cyclist Counts at Selected Commuter Locations Weekday, 7AM to 7PM, 1980-2009

- Staten Island Ferry
- Brooklyn Bridge
- Manhattan Bridge
- Williamsburg Bridge
- Queensboro Bridge
- Hudson River Greenway at 50th St.
- 9th, 10th, 11th, 12th Avenues at 50th St.

- 200 miles of bike routes installed (2006-2009)
- 79% increase in commuter cycling (2006-2009)
- CD 2 Bike to Work Share Increase: 0.87% to 1.78% (2000-2008)





# Project Background

- Current popular route for cyclists
- CB 2 requested DOT proposal for enhanced bicycle facilities
- Successful existing bicycle lanes on Vanderbilt Avenue
- Opportunities to increase road safety



## Existing Volumes on Vanderbilt Avenue

Bicycles	12-hour period	
	1,004	
Motor Vehicles	AM Peak Hour	PM Peak Hour
	1,603	1,452



## Existing Conditions - Vanderbilt Ave

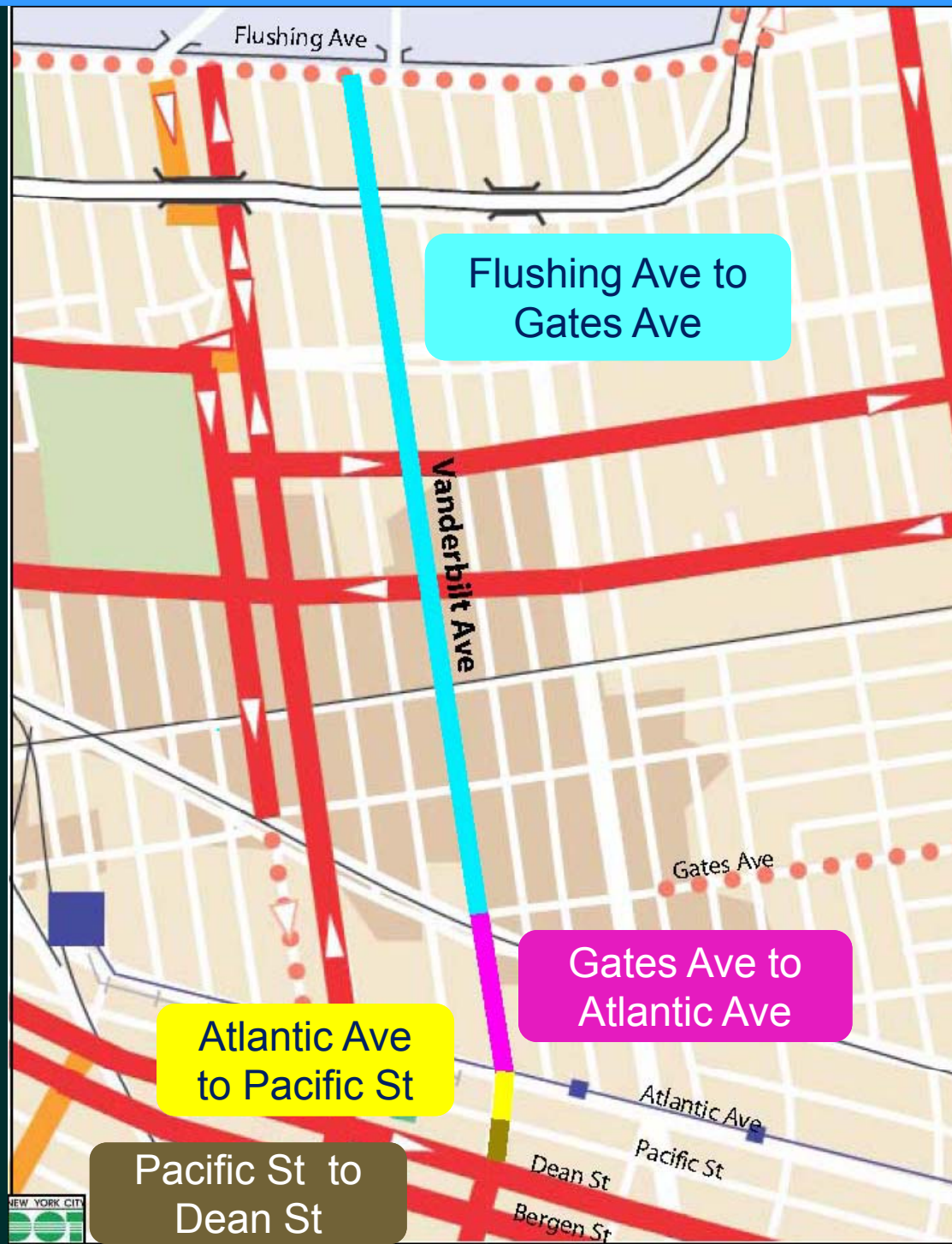
Facing South towards Myrtle Ave.



Facing South Btw. Pacific St. and Atlantic Ave.



# Proposed Configuration – Overview



# Proposed Configuration – Flushing Ave to Gates Ave

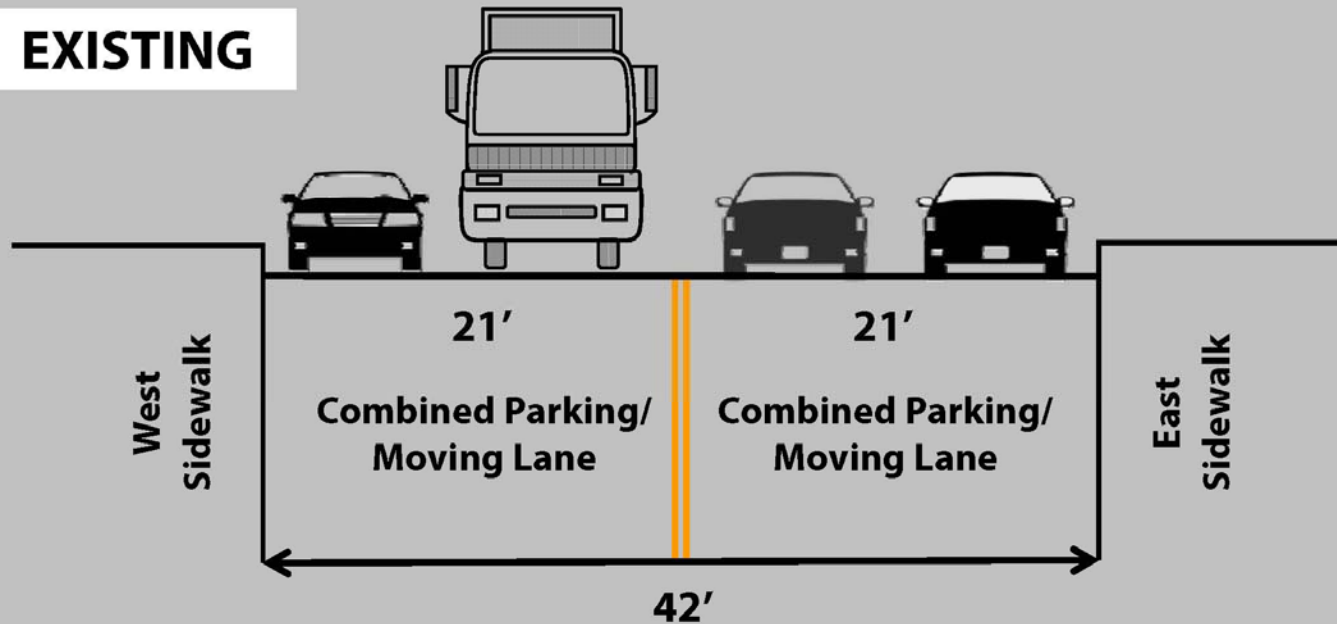


- Shared Lane Markings
- Parking Lane Line



# Proposed Configuration – Flushing Ave to Gates Ave

## EXISTING



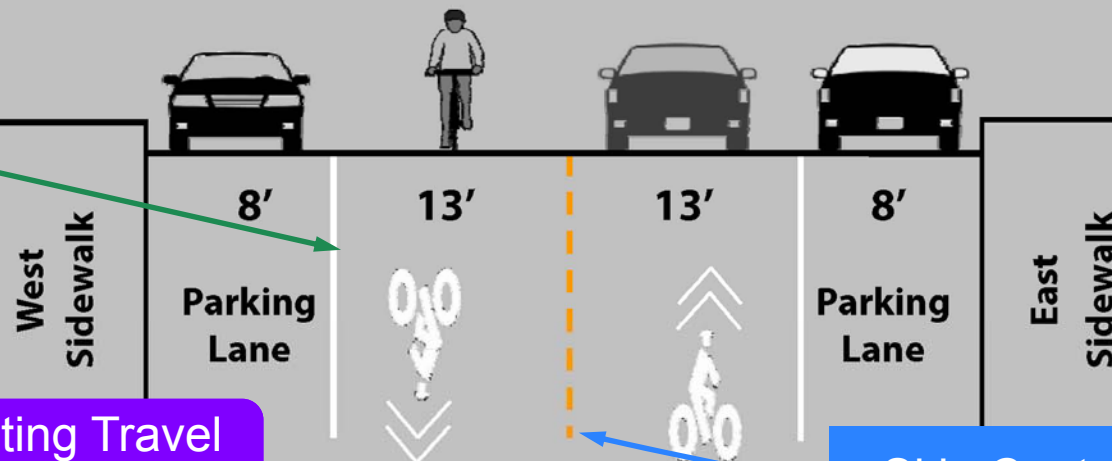
## PROPOSED

Shared Lane Markings

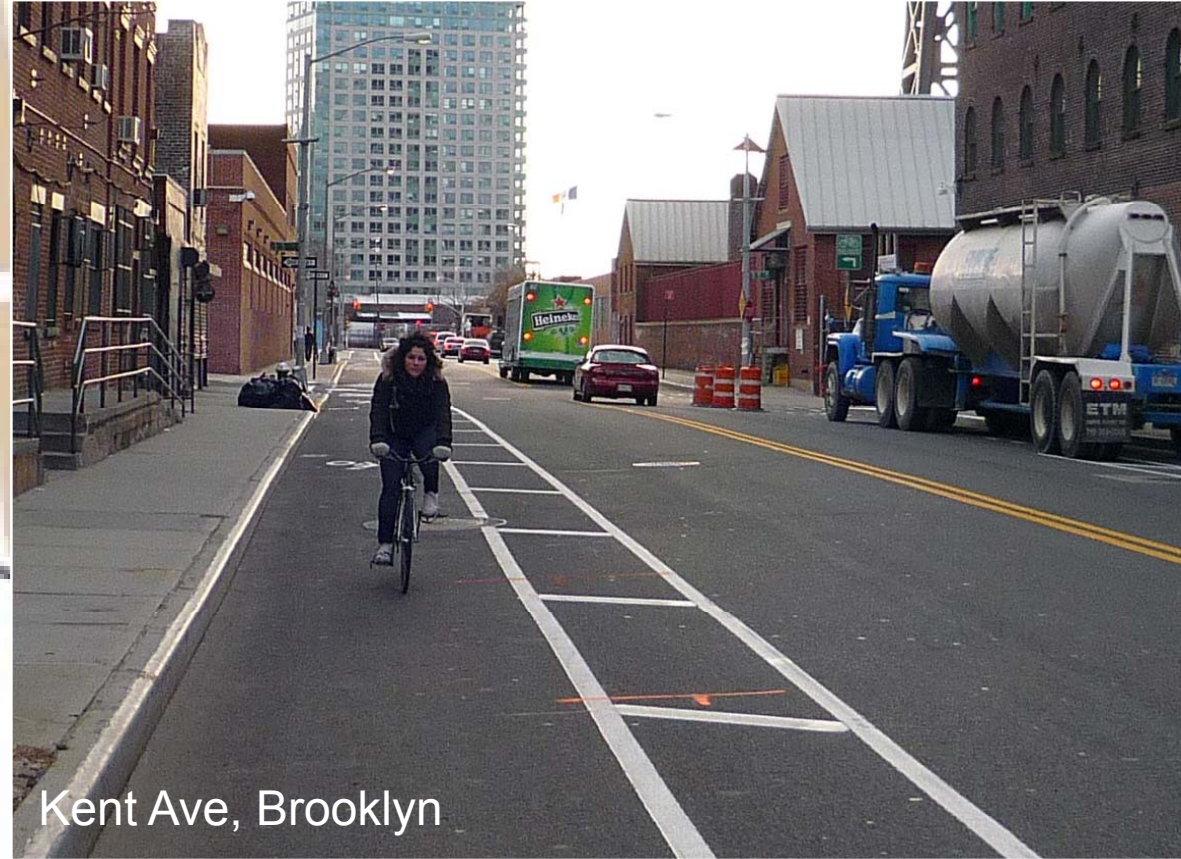
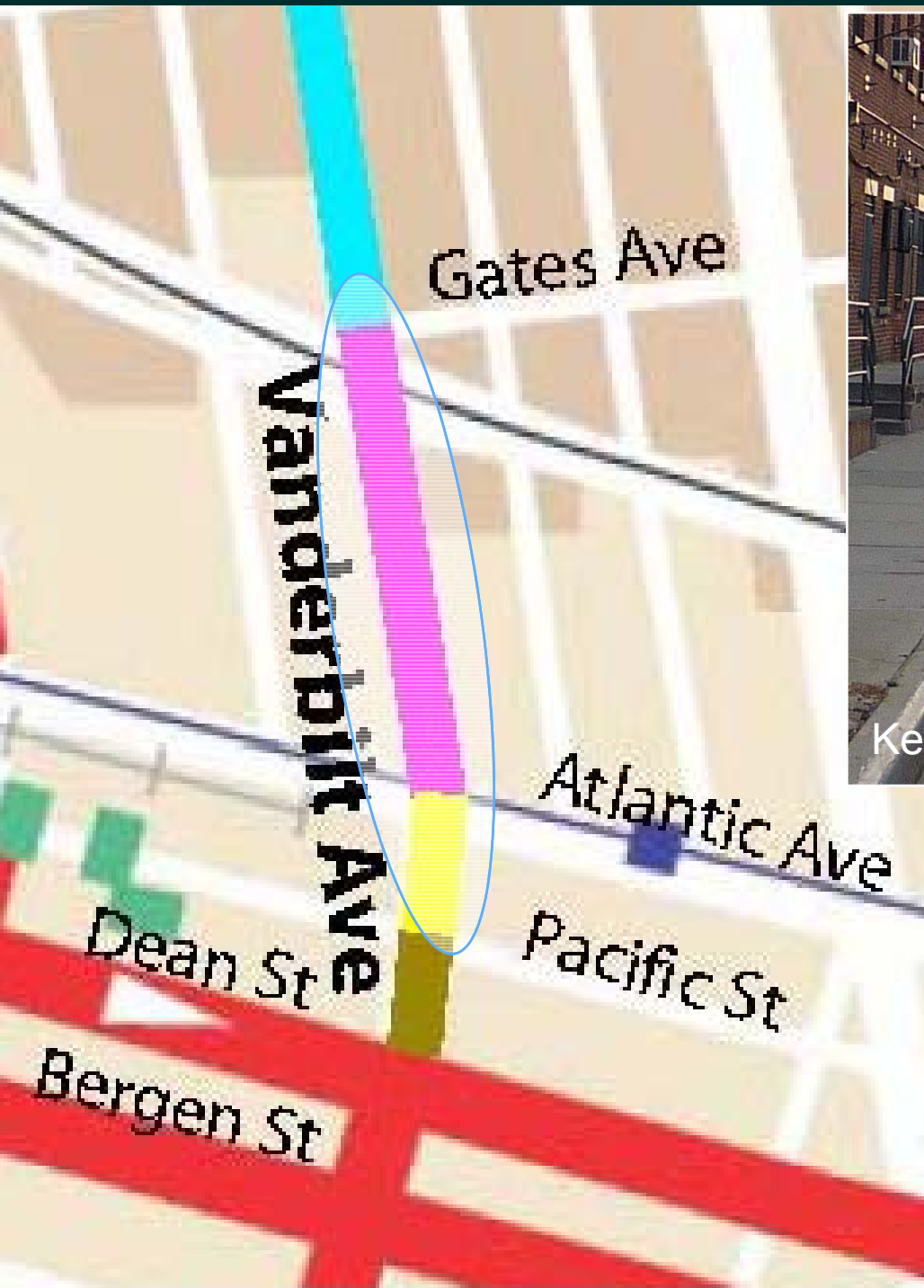
Install Parking Lane Lines

Retains Existing Travel and Parking Lanes

Skip Center Yellow Line



# Proposed Configuration – Gates Ave to Pacific St

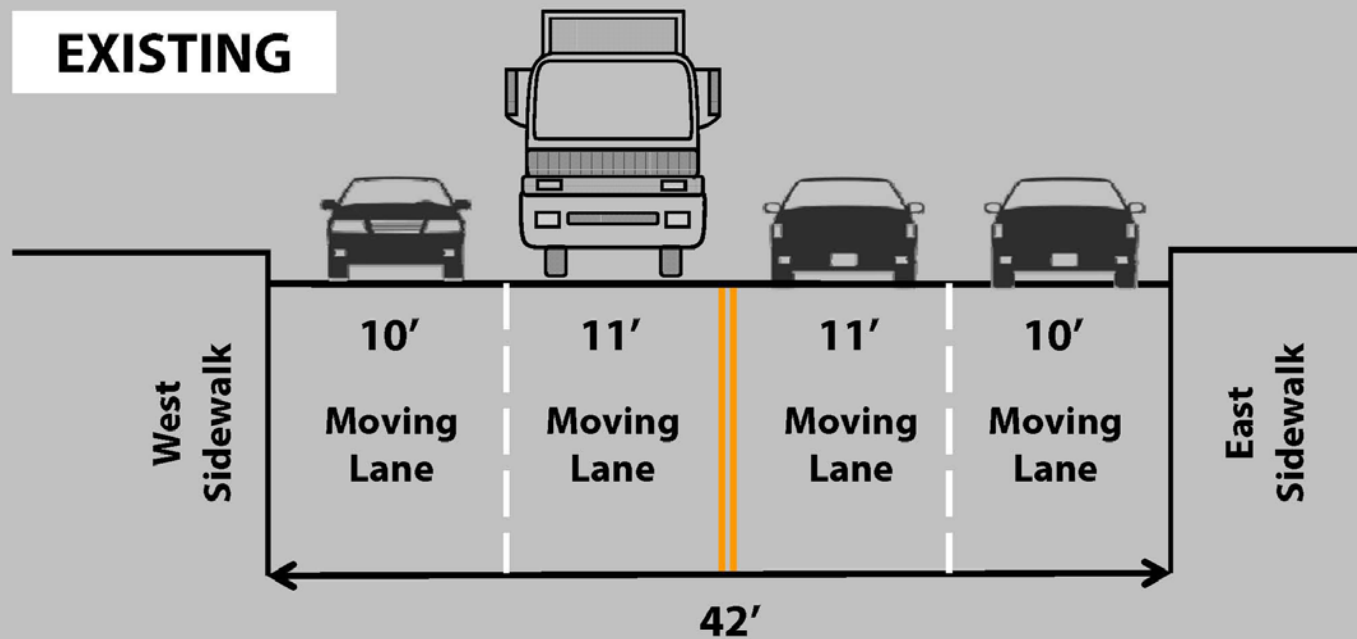


- Curbside Bicycle Lane
- Left-Turn Only Bays
  - NB: Atlantic Ave, Fulton St
  - SB: Fulton St

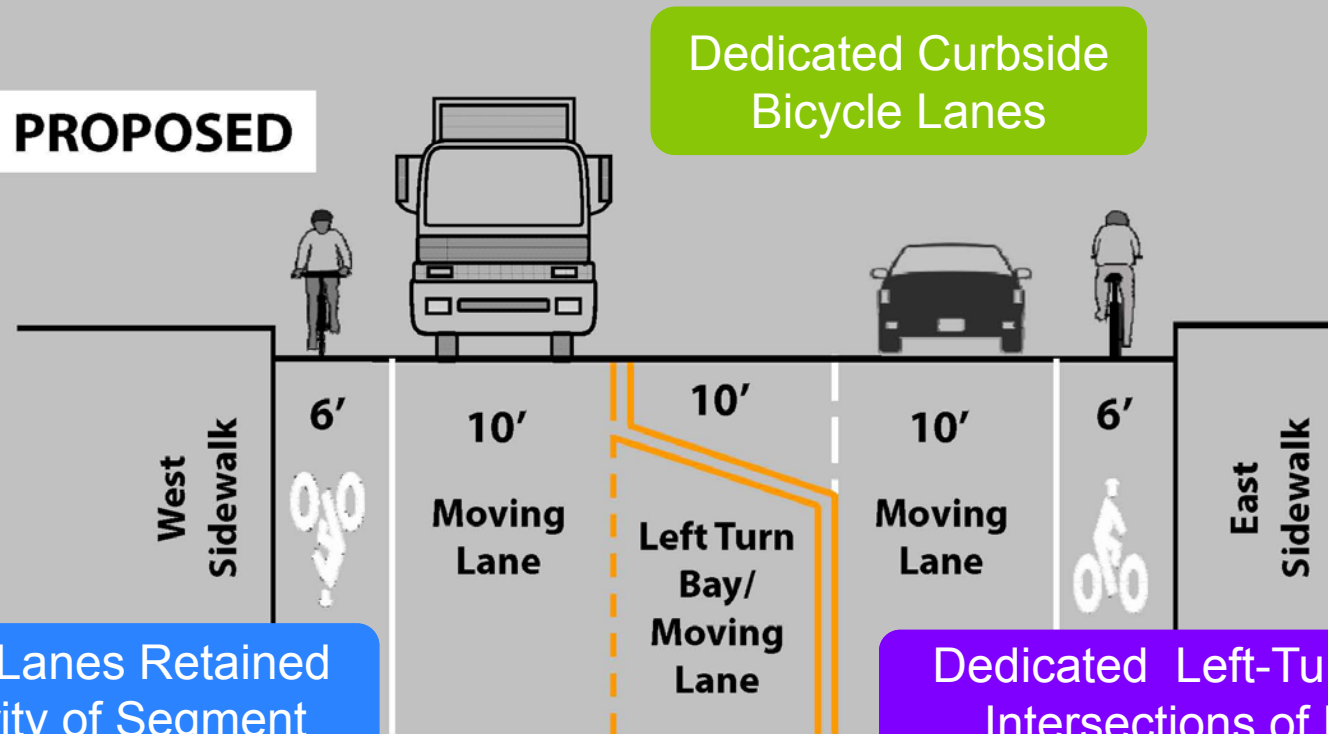


# Proposed Configuration – Gates Ave to Atlantic Ave

## EXISTING



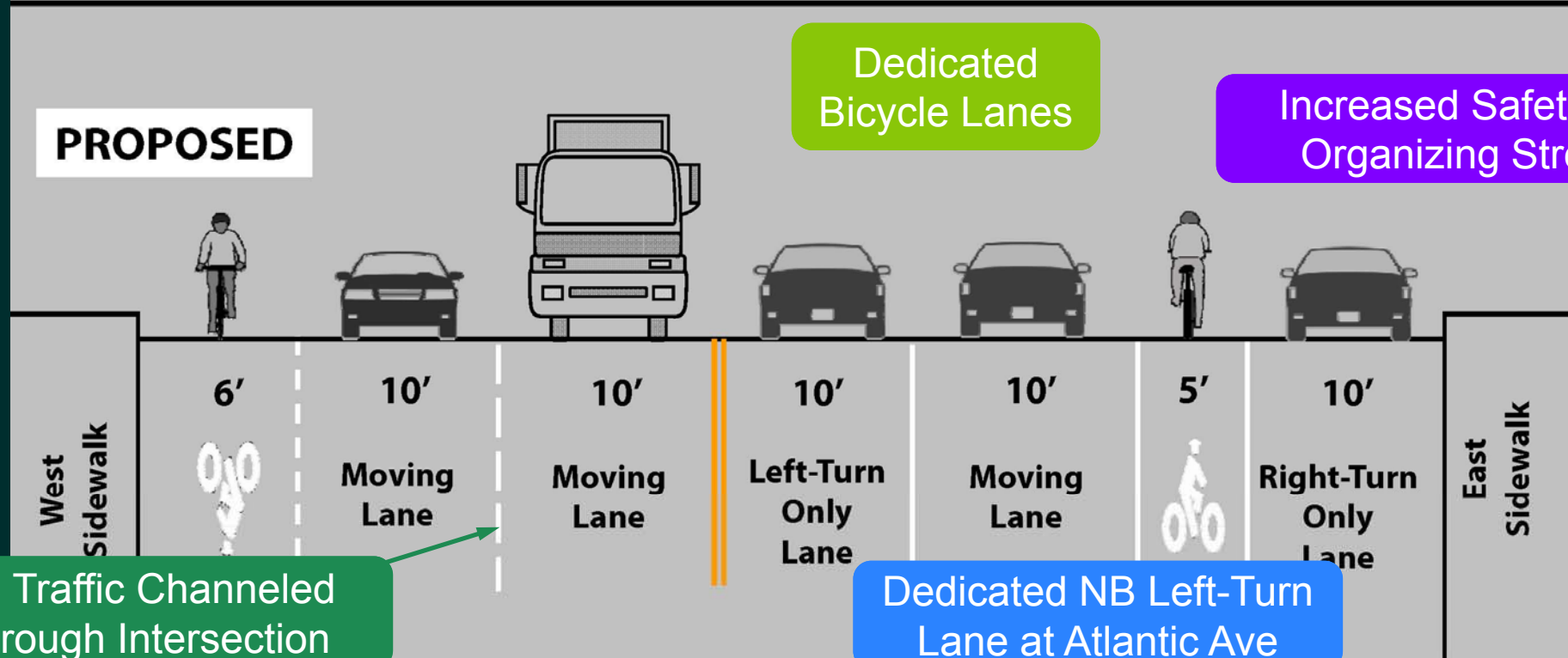
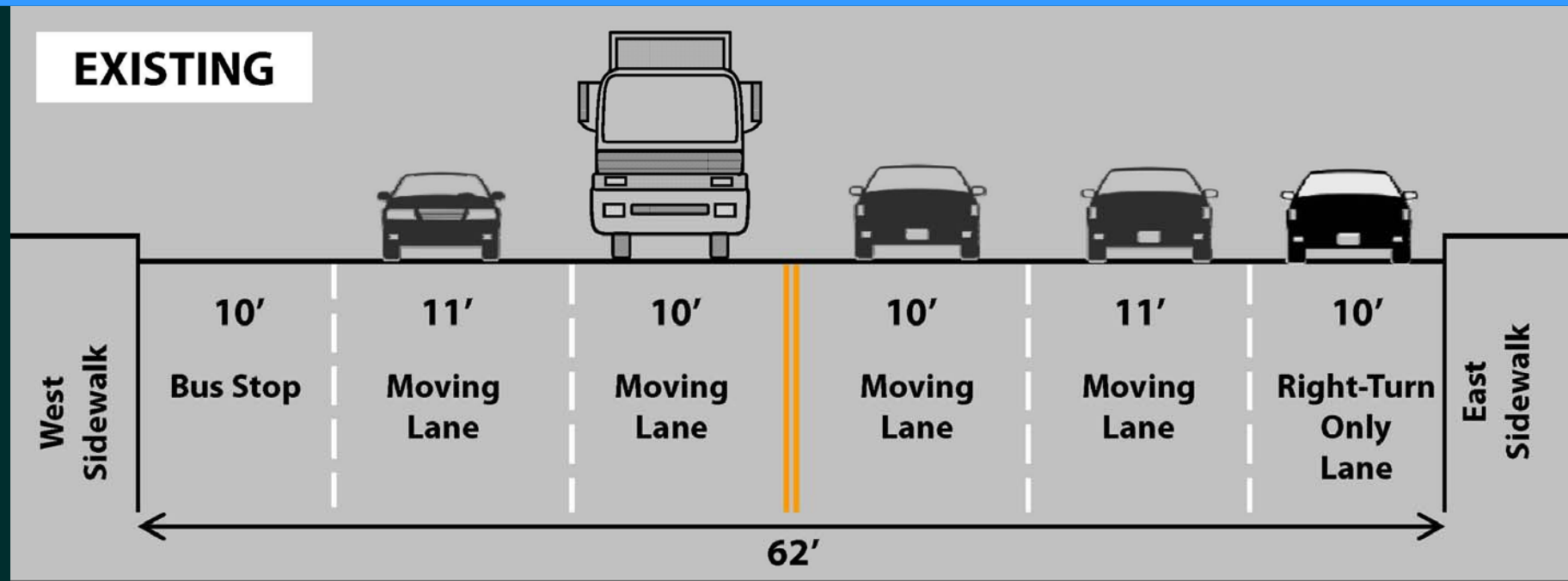
## PROPOSED



2 Moving Lanes Retained for Majority of Segment

Dedicated Left-Turn Lanes at Intersections of Fulton St

# Proposed Configuration – Atlantic Ave Intersection (NB)



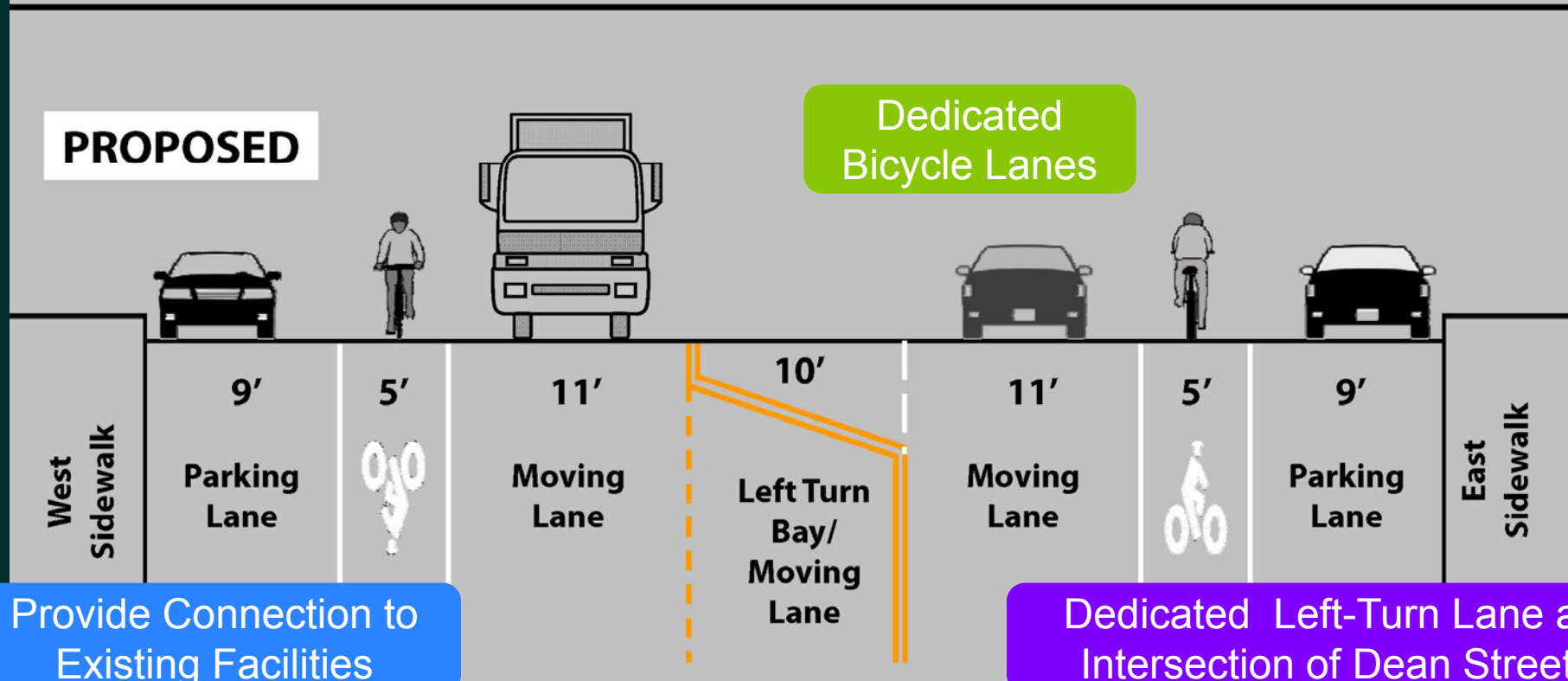
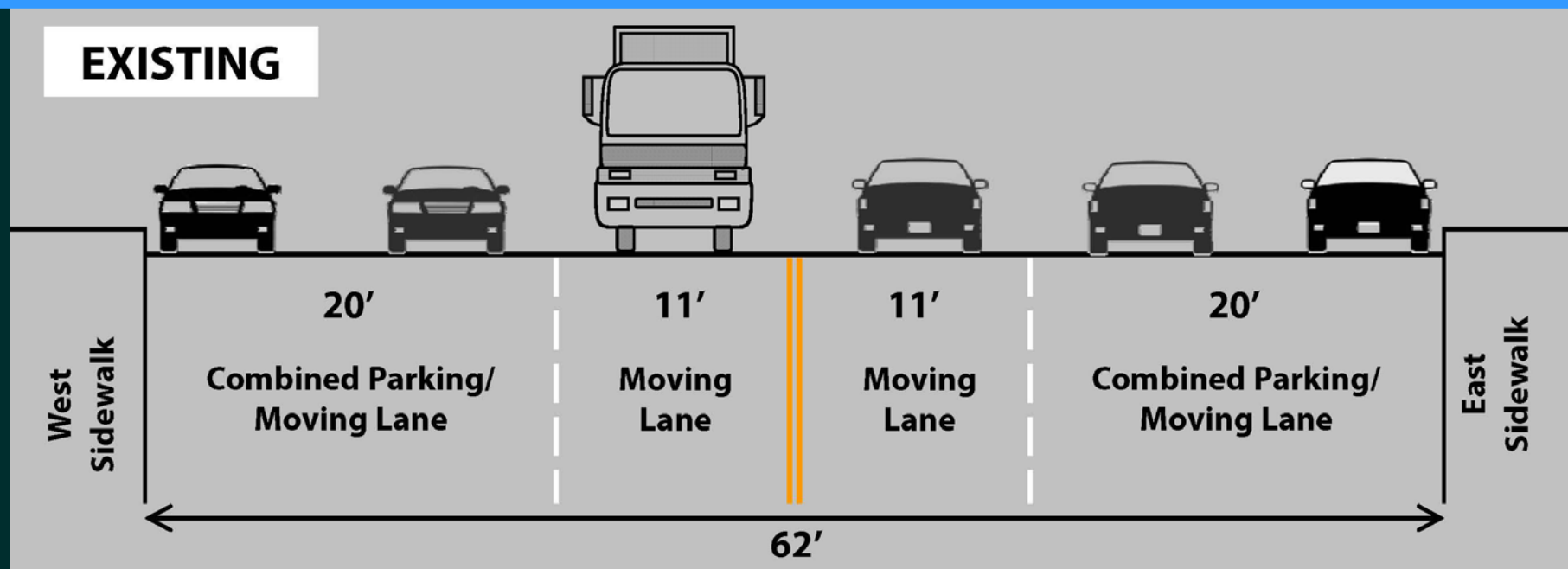


# Proposed Configuration – Pacific St to Dean St



- Dedicated Bicycle Lanes
- Left-Turn Only Bay at Dean St
- Transition the existing design

# Proposed Configuration – Pacific St to Dean St





# Project Summary



- Provides Space for All Users
- Develops Bicycle Network
- Calms Vehicular Traffic
- Maintains Vehicle Mobility
- Improves Access, Circulation and Safety



Questions?

Thank  
You