



## Overview

**Project Background** 

**Existing Conditions** 

Issues

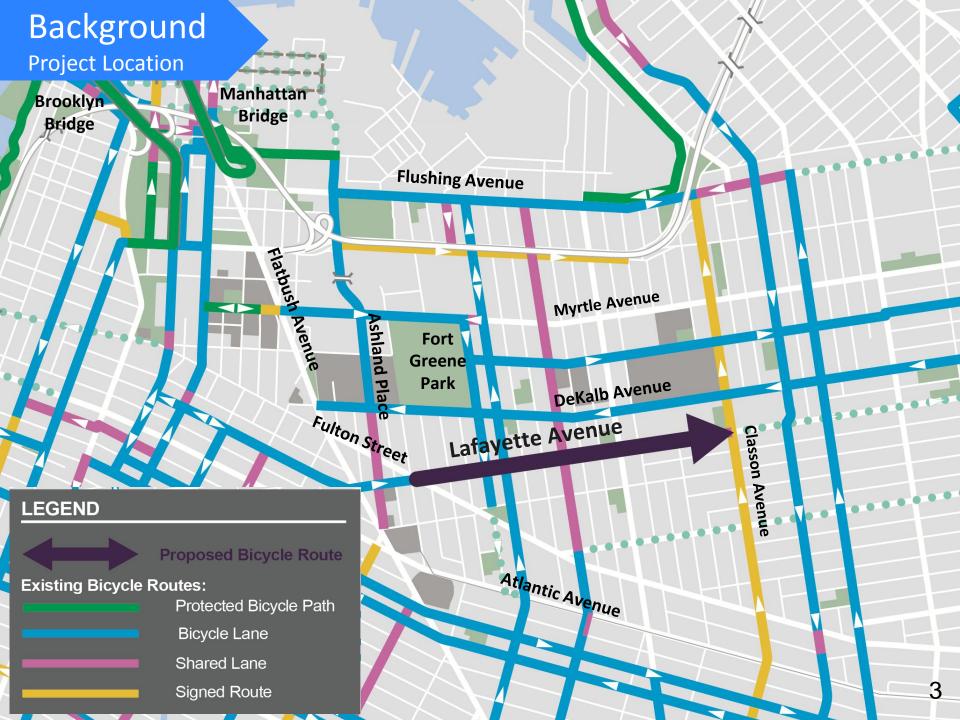
**Proposed Design** 

DeKalb Avenue Comparison

Accessibility Improvement

**Summary** 





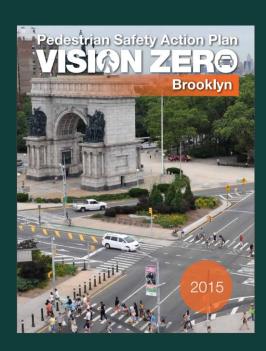


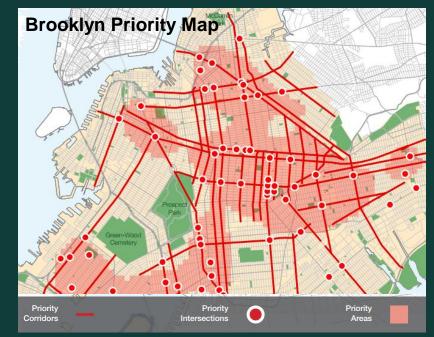
# Background Safety – Vision Zero

#### **Vision Zero**

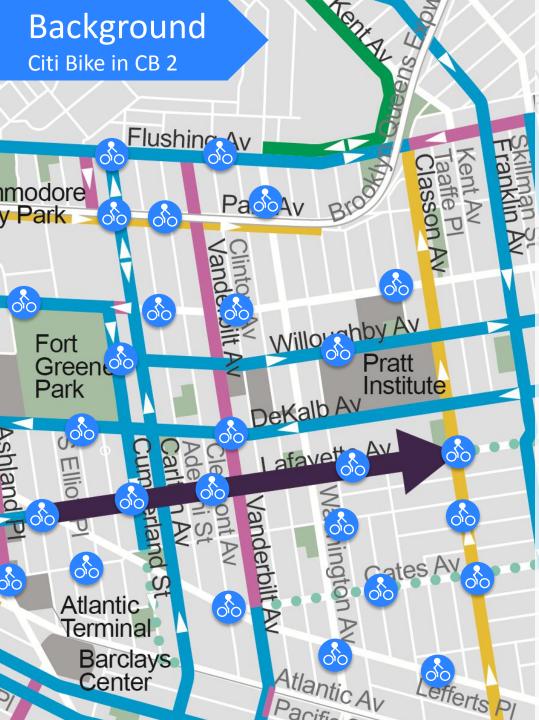
- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough
  - Lafayette Ave from Fulton St to Adelphi St is within a Vision Zero Priority Area











#### Installed 2013

#### **Stations**

- 62 Stations in CB 2
- 5 Stations on Lafayette Ave

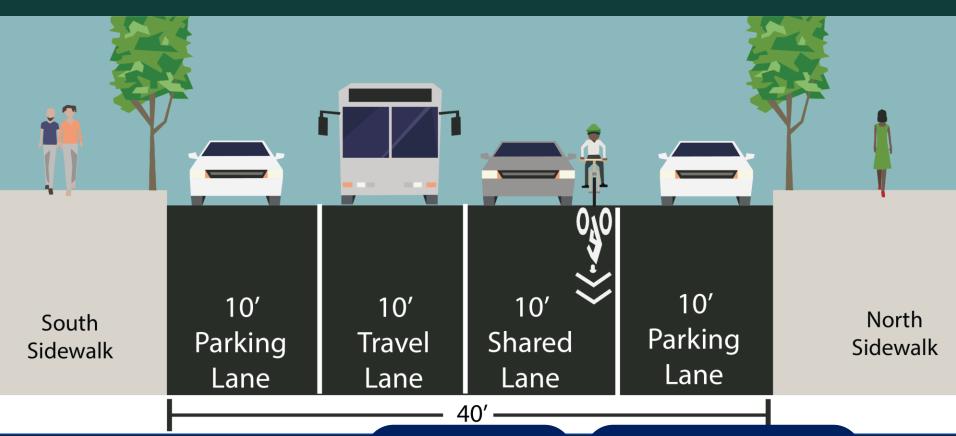
#### **Trips**

- 212,772 trips started or ended in CB 2 in Fall 2015
- 45% of trips initiated in CB 2 stay within district

September 1, 2015 – December 1, 2015 Data from New York City Bike Share

### **Existing Conditions**

**Shared Lane** 



B38 Bus Route

### Moderate Traffic Volumes

AM Peak: 467 vph PM Peak: 611 vph

#### **Bike Volumes**

12 Hour Weekday: 577 12 Hour Weekend: 455

15% increase since 2011

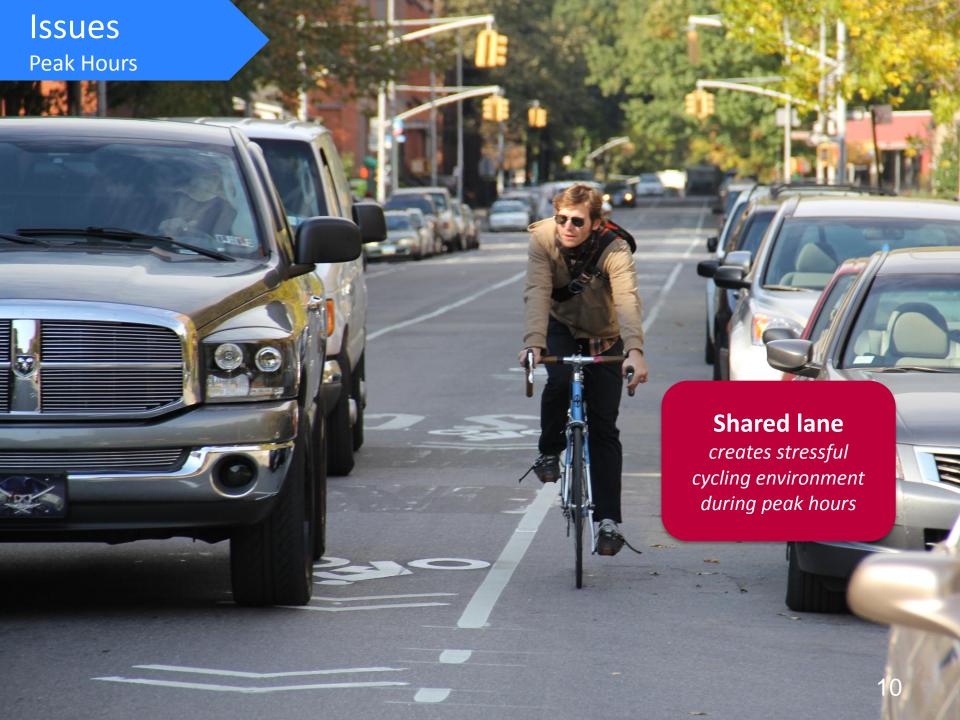
## **Issues**Off-Peak Hours

Excess street capacity

leads to speeding and erratic driving





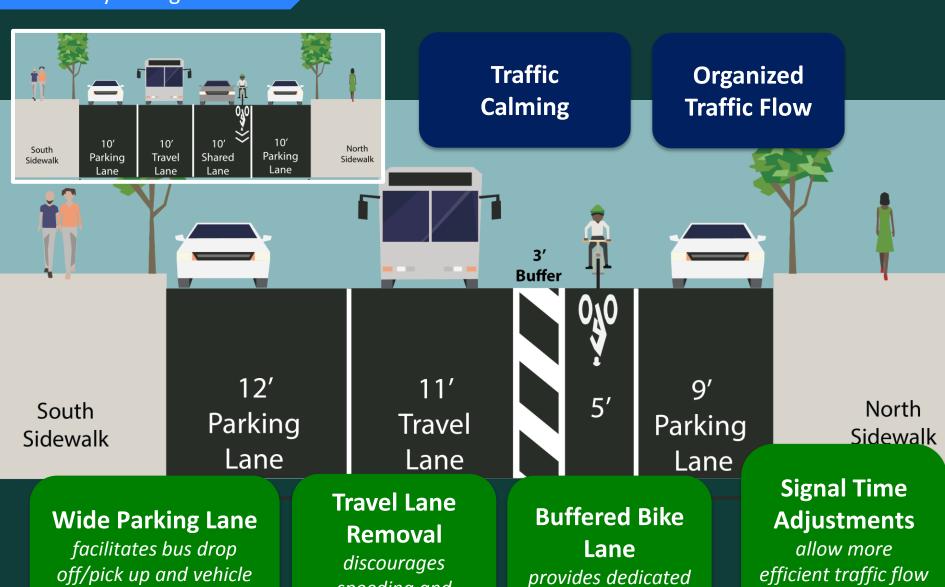




## **Proposed Design**

access

**Roadway Configuration** 



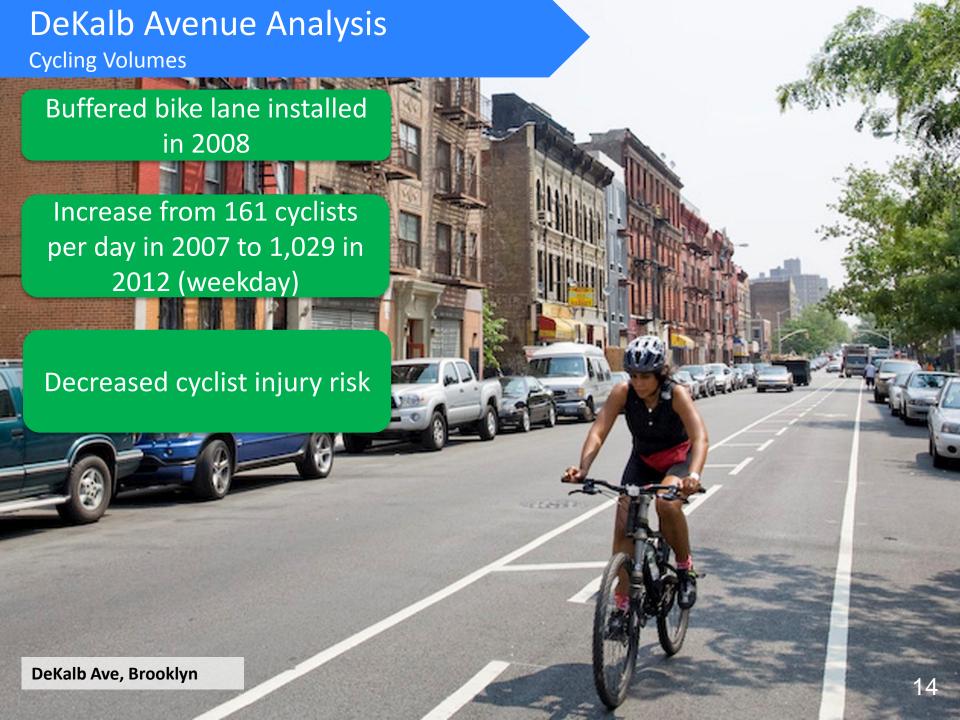
space for cyclists

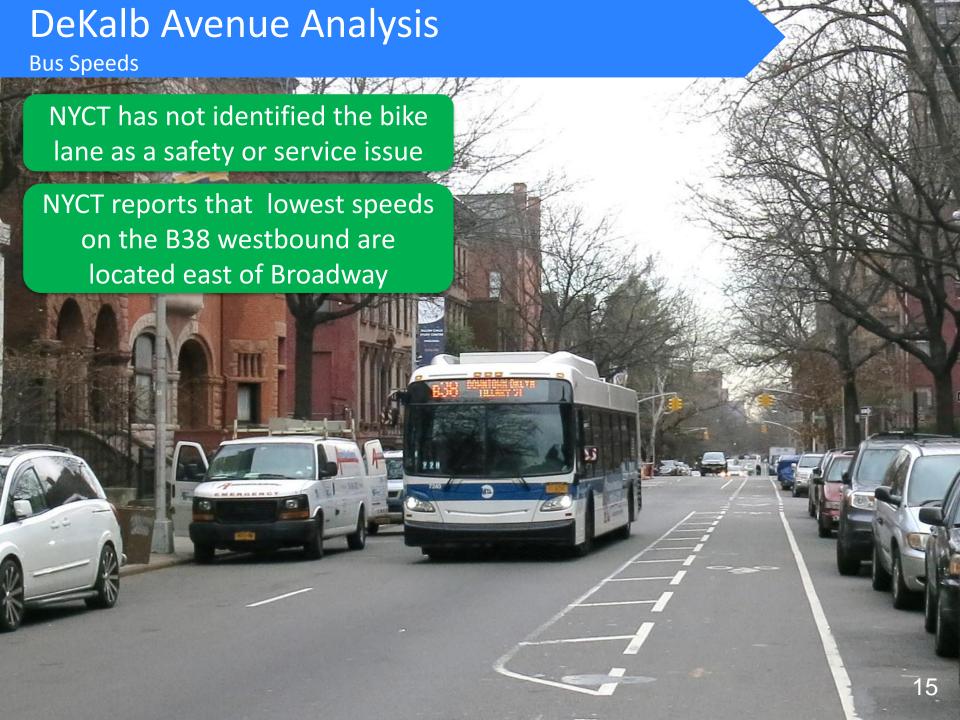
during peak hour

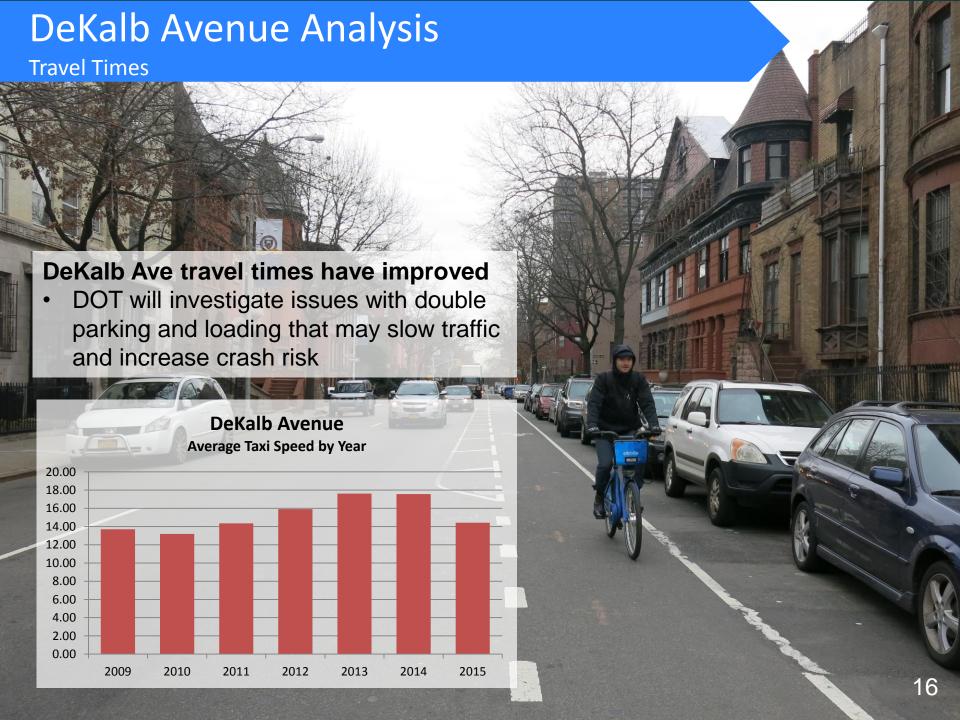
speeding and

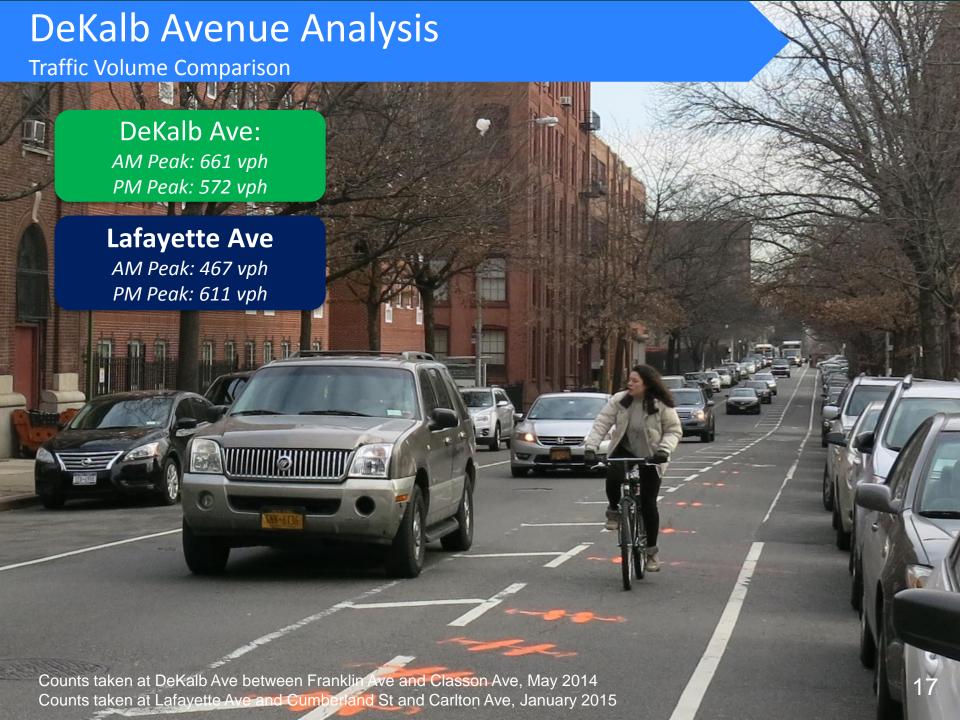
erratic driving







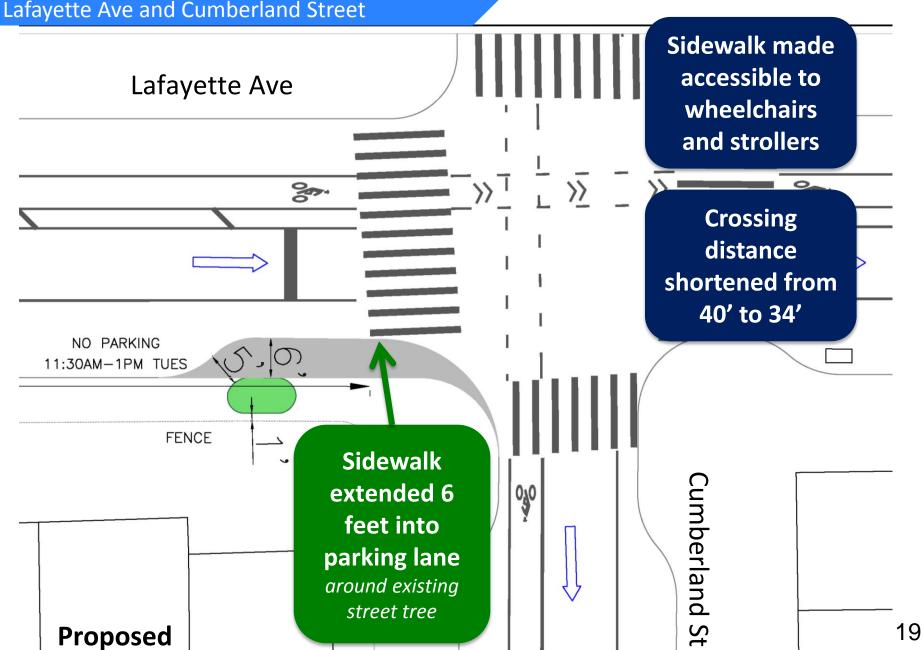






## **Accessibility Improvement**

Lafayette Ave and Cumberland Street



## Summary

Signal time adjustment to avoid traffic congestion

Dedicated bicycle facility

Design accommodates bus movements and vehicle access

Improve ADA accessibility at Cumberland Ave

Safe eastbound cyclist connection between Brooklyn and Manhattan Bridges, Downtown Brooklyn, Fort Greene, Clinton Hill, and Bedford Stuyvesant



Questions?



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