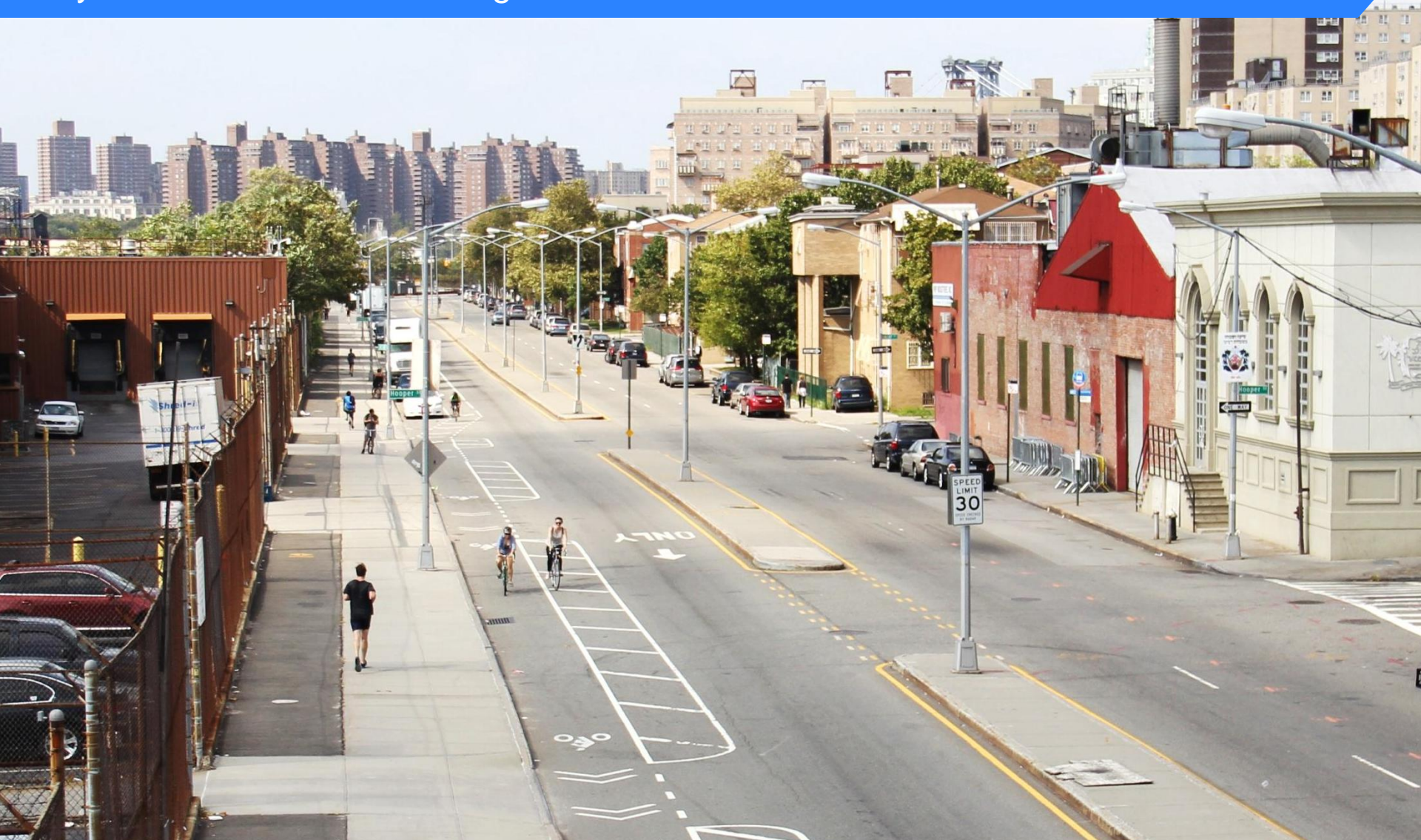


Kent Ave South

Clymer Street to Williamsburg Street West

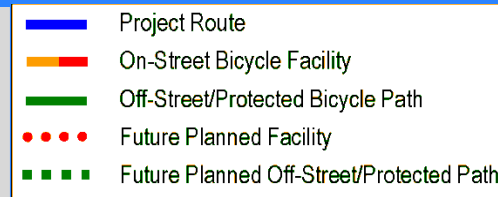


Kent Ave South

Background: Context

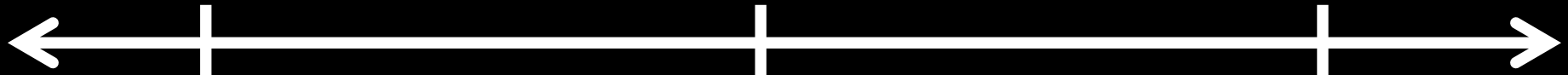
Vital Connections

- Links to many waterfront destinations
- Access to 4 bridges and 4 Ferries (🚢)
- Connects vibrant neighborhoods



Kent Ave South

Background: Greenway



2009

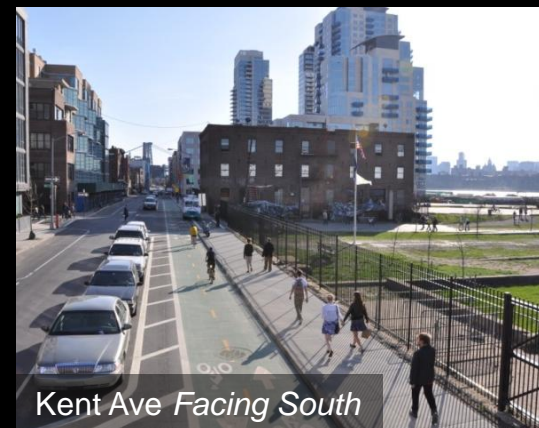
**Kent Ave
Protected Path**
N 14th to Clymer St

2010

**Williamsburg St W
& Flushing Ave**
Protected Paths

Future

**Flushing Ave
Capital Project**
Supported by CB 2



Kent Ave South

On-Going Work

New Signals

- NYC DOT recently installed signals at Wilson and Hooper Streets
- New crosswalks



New signal at Kent Ave and Wilson St

Kent Ave South

Transportation Issues

Vehicular

*Residential streets with
BQE traffic*

1. Speeding – Width
2. Alignment – Number of lanes

Pedestrian and Bicycle

Gap in greenway

3. Bikes on sidewalk
4. SB riders not protected
5. Atypical design



Kent Ave South

Vehicular Issue #1

Speeding

Speed Study on 5/22/2013 found:

- **Northbound: 82%** or motorists exceeding the speed limit
- Average NB speed **36 mph**
- **Southbound: 18%** or motorists traveled over the speed limit
- Average SB speed **27 mph**



Kent Ave South

Vehicular Issue #2

Kent Ave looking south

Alignment

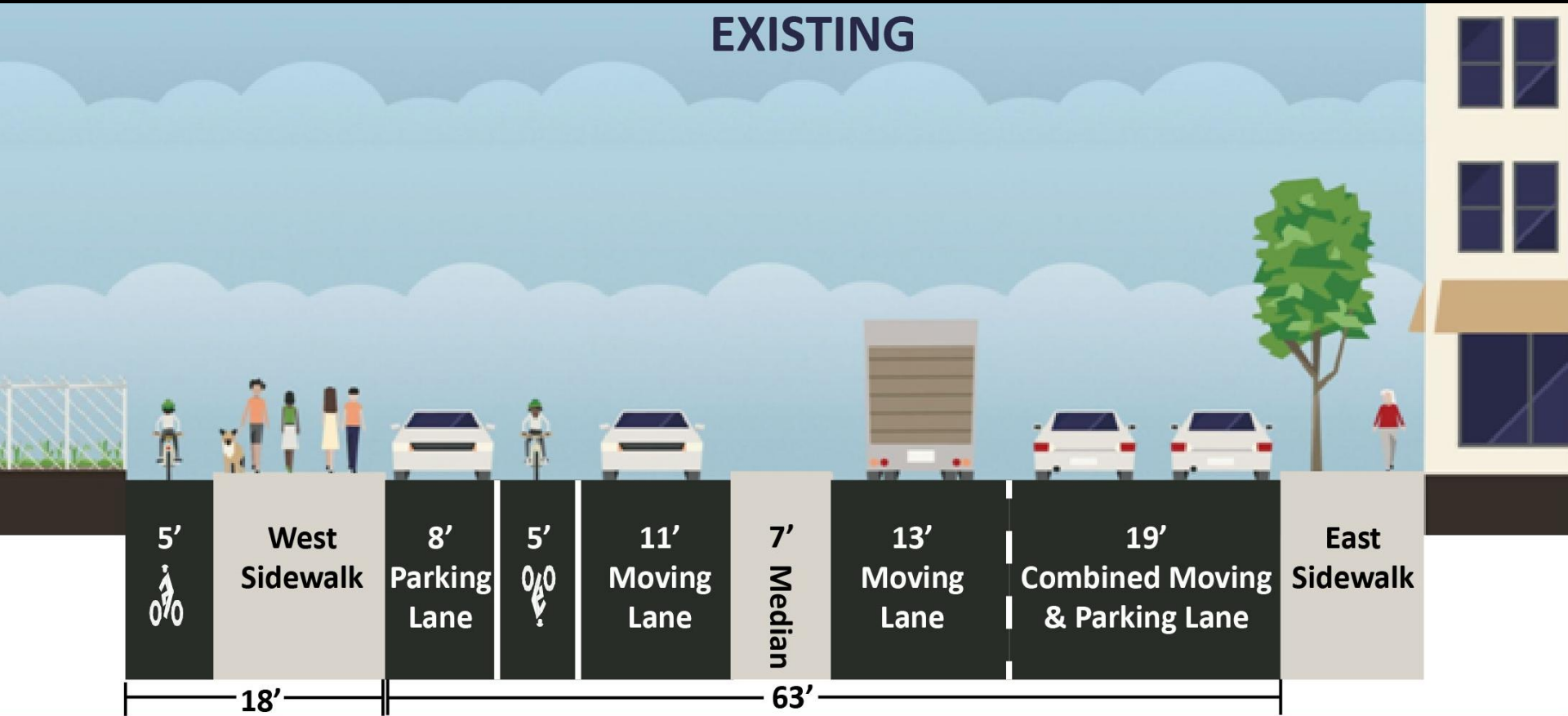
- Vehicles speed and queue at the BQE
- NB roadway widens to 2 lanes
 - AM Peak 513 / PM Peak 542
- SB roadway is 1 lane but appears wider due to bike lane and parking
 - AM Peak 407 / PM Peak 675



Kent Ave South

Existing Conditions Illustrating Vehicular Issues

EXISTING



24' of SB roadway
Parking/Travel/Bike

32' of NB roadway
Travel/Travel/Parking

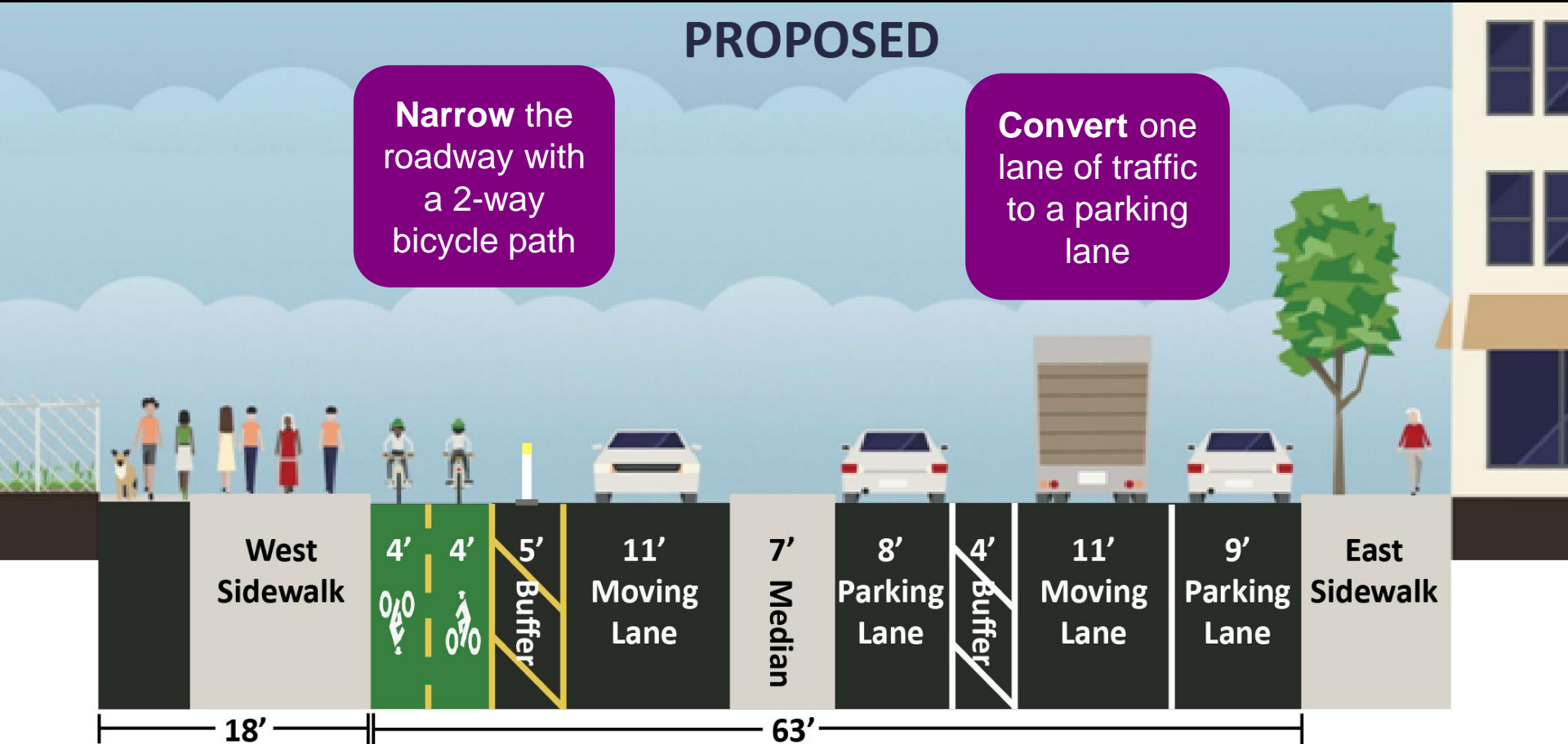
Kent Ave South

Solution - Proposed Vehicular Design Improvements

PROPOSED

Narrow the roadway with a 2-way bicycle path

Convert one lane of traffic to a parking lane



Bikes off sidewalk

New 2-way bike lane

Parking removed

Parking replaced + 3 spaces

Kent Ave South

Pedestrian and Bicycle Issue #3

NB bikes travel on the sidewalk

- Ridership increasing
- More cyclists using sidewalk

More than
300% Increase
in weekend
traffic

Kent Avenue Ridership Volumes

	Nov-08	Average '10	Increase Since '08	% Increase Since '08
Weekday	514	844	330	64%
Weekend	269	1141	872	324%

Kent Ave South

Pedestrian and Bicycle Issue #4

Southbound riders are not protected

- Greenways should be protected paths



Kent Ave South

Pedestrian and Bicycle Transportation Issue #5

Atypical design

Confusion due to bike routing onto sidewalk:

- Confusing signage
- Wrong-way cycling
- Path is easily missed by unfamiliar riders



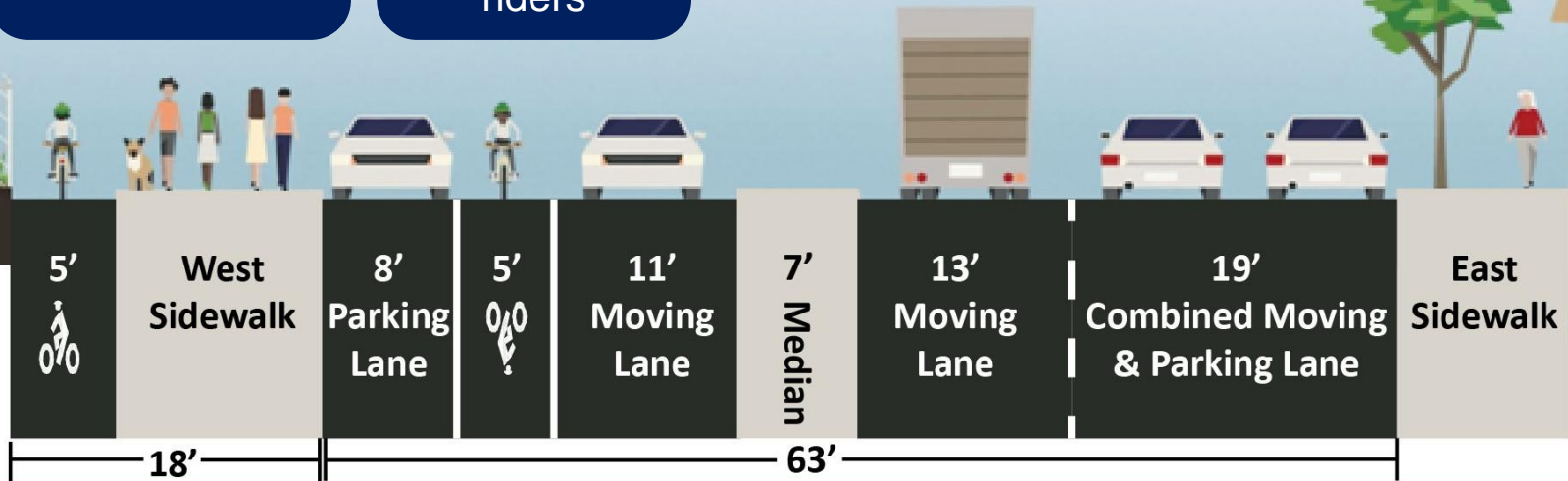
Kent Ave South

Existing Conditions Illustrating Ped and Bike Issues

EXISTING

18' Sidewalks
pedestrians and
NB cyclists

5' Bike lane
does not
protect SB
riders

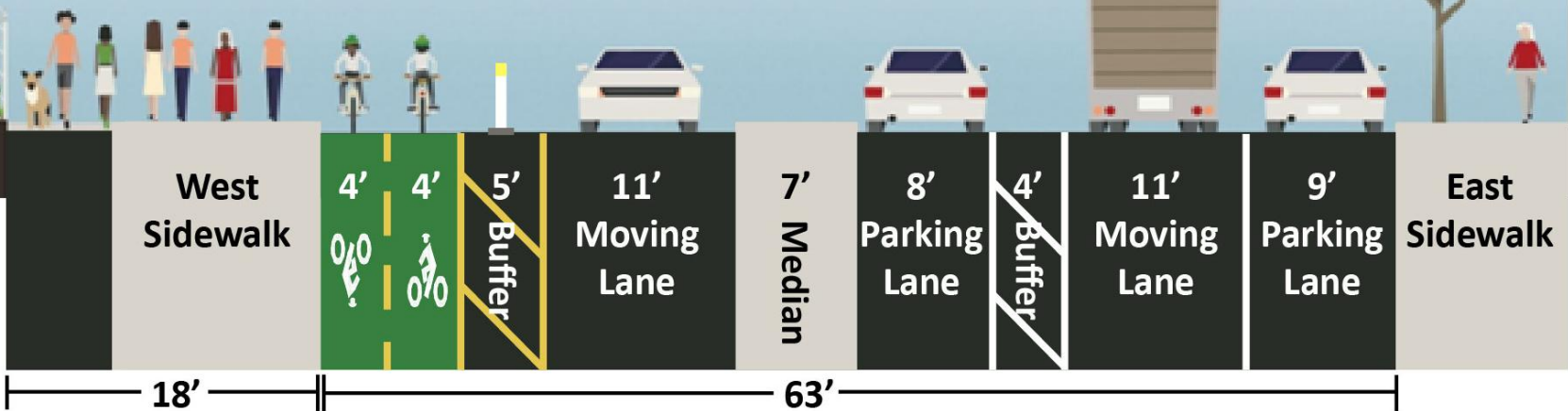


Kent Ave South

Solution - Proposed Ped and Bike Design Improvements

PROPOSED

Create a continuous bicycle and pedestrian experience



Wide sidewalk for pedestrians only

Consistent bike path for 5 miles

Protected bike path in both directions

Kent Ave South

Overview: Benefits

Vehicular

Residential streets with BQE traffic

1. Speeding – Width
2. Alignment – Number of lanes

Pedestrian and Bicycle

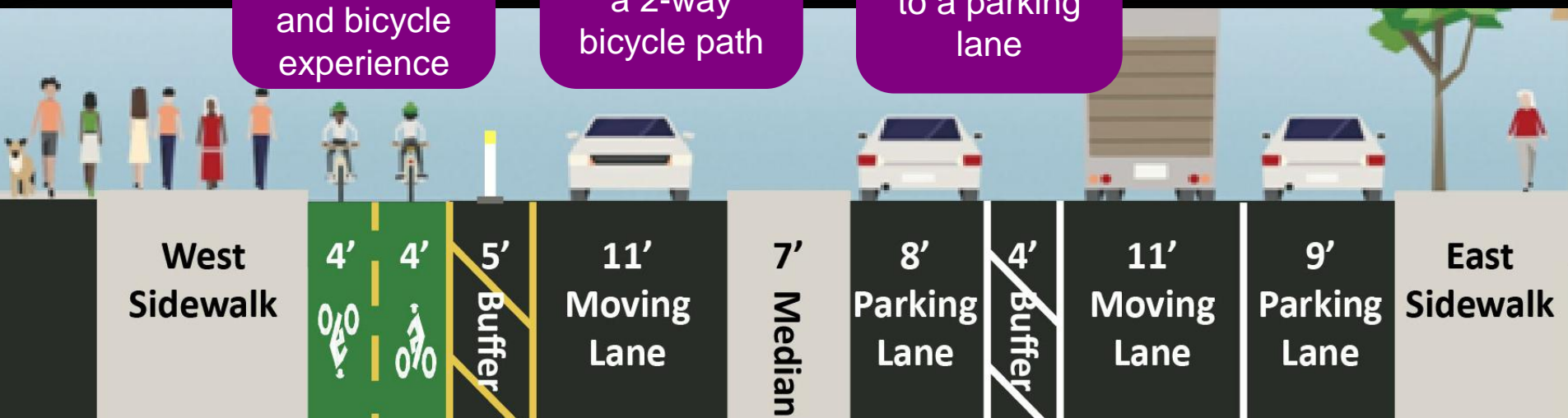
Gap in greenway

3. Bikes on sidewalk
4. SB riders not protected
5. Atypical design

Create a continuous pedestrian and bicycle experience

Narrow the roadway with a 2-way bicycle path

Convert one lane of traffic to a parking lane





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Thank
You