

Park Ave Traffic Calming Brooklyn

May
2014



Commissioner Polly Trottenberg New York City Department of Transportation
Office of Research, Implementation & Safety
May 20th, 2014 to Community Board 2



Dangerous Speeds

**Recorded
Speeds of
52 MPH***

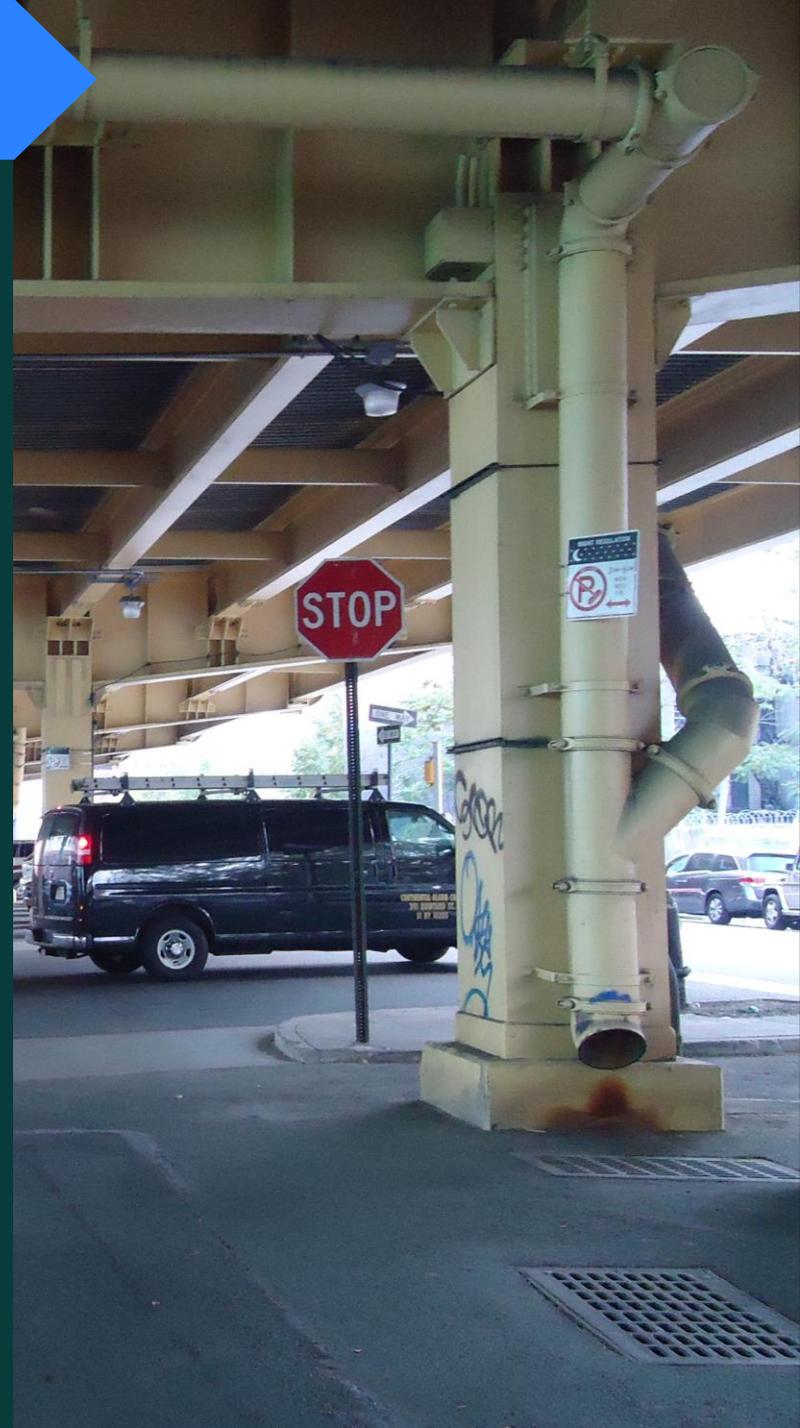
*EB Park Ave btwn N Portland Ave and Navy St

Park Ave Traffic Calming

Project Area

Need: Why Park Ave

Solutions

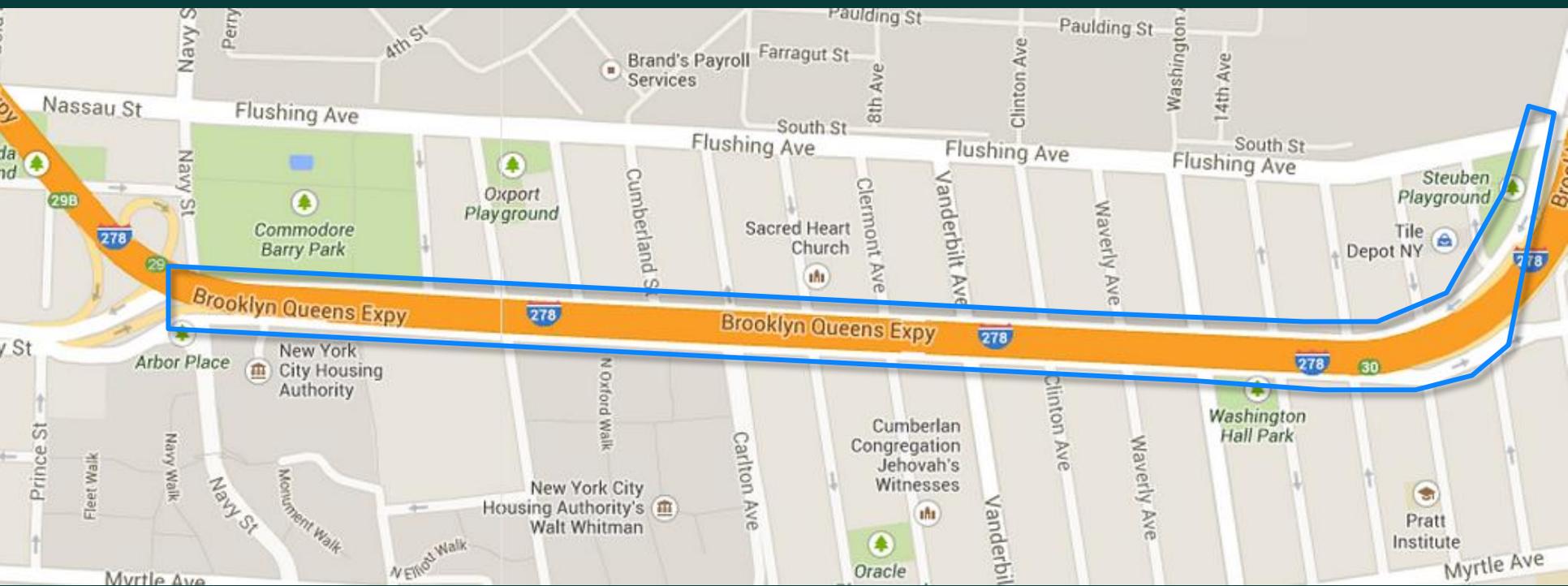


Project Area

Project area: Park Ave from Navy St to Flushing Ave

6 lanes (4 travel, 2 parking)

32' wide roadway each direction



History of Project

Myrtle Avenue Revitalization Project (MARP)

- Conducted multiple community workshops
- Community lead Safety Study (MARP & Architecture for Humanity)
- Community Board 2 endorsed the study June 2012

Additional Support

- Council Member Letitia James (Currently Public Advocate)
- State Assembly Member Joseph Lentol
- Fort Greene Association

Workshops

HELP IMPROVE PEDESTRIAN SAFETY ON PARK AVENUE
IDENTIFY, PRIORITIZE, AND LOCATE SPECIFIC SOLUTIONS THAT WILL IMPROVE PEDESTRIAN SAFETY AND CALM VEHICULAR TRAFFIC ON 15 BLOCKS OF PARK AVENUE, BETWEEN NAVY STREET AND STEUBEN STREET.

① WE'VE LISTENED TO YOUR CONCERNS ABOUT TRAFFIC AND SAFETY...

- HOW CAN WE MAKE ACCESS TO OUR MORE BARRY PARK SAFER?
- HOW CAN WE REDUCE SPEED/ALIAS PARK AVENUE?
- HOW CAN WE MAKE THE ENVIRONMENT UNDER THE BOB SAFER, BOTH DAY AND NIGHT?
- CAN WE MAKE IT SAFER TO CROSS FROM BLOCK TO BLOCK UNDER THE BOB?
- HOW CAN WE MAKE THE CROSSINGS SAFER NEAR OUR SCHOOLS?
- CAN VEGETATION NOT ONLY BEAUTIFY, BUT ALSO IMPROVE SAFETY?
- CAN WE ADD MORE MENA/LOOK CROSSINGS?
- CAN ART, SUCH AS THE NEW MURAL AT STEUBEN STREET, BE USED TO PROMOTE SAFETY?

② WE'RE GATHERING MORE OF YOUR IDEAS...

WRITE YOUR QUESTIONS OR IDEAS HERE AND BRING THEM TO THE WORKSHOP

③ LET'S WORK TOGETHER TO CREATE SOLUTIONS...

PARK AVENUE TRAFFIC AND PEDESTRIAN SAFETY WORKSHOP
THURSDAY, NOVEMBER 27th 6-8:30 PM
BENJAMIN BANNEKER ACADEMY FOR COMMUNITY DEVELOPMENT
71-77 CLINTON AVENUE (NEAR PARK AVENUE)
RSVP TO dan@myrtleavenue.org or 718-235-1688

...PLEASE JOIN US!

Safety Study

Park Avenue Pedestrian and Traffic Safety Studies



Recommendations Implemented

Improved Lighting



Day Lighting



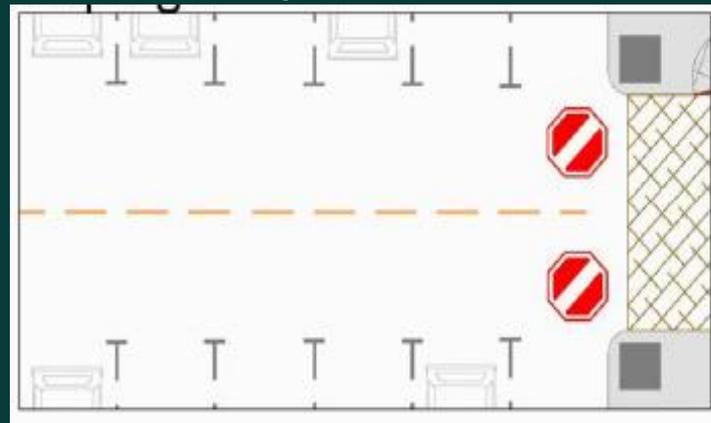
Signal Study



Pedestrian Ramps



Stop Control



Need: Severe Crashes

High **Crash**
Corridor
(Top Third)

13.6
Fatalities/Severe
Injuries per Mile

2 Fatalities



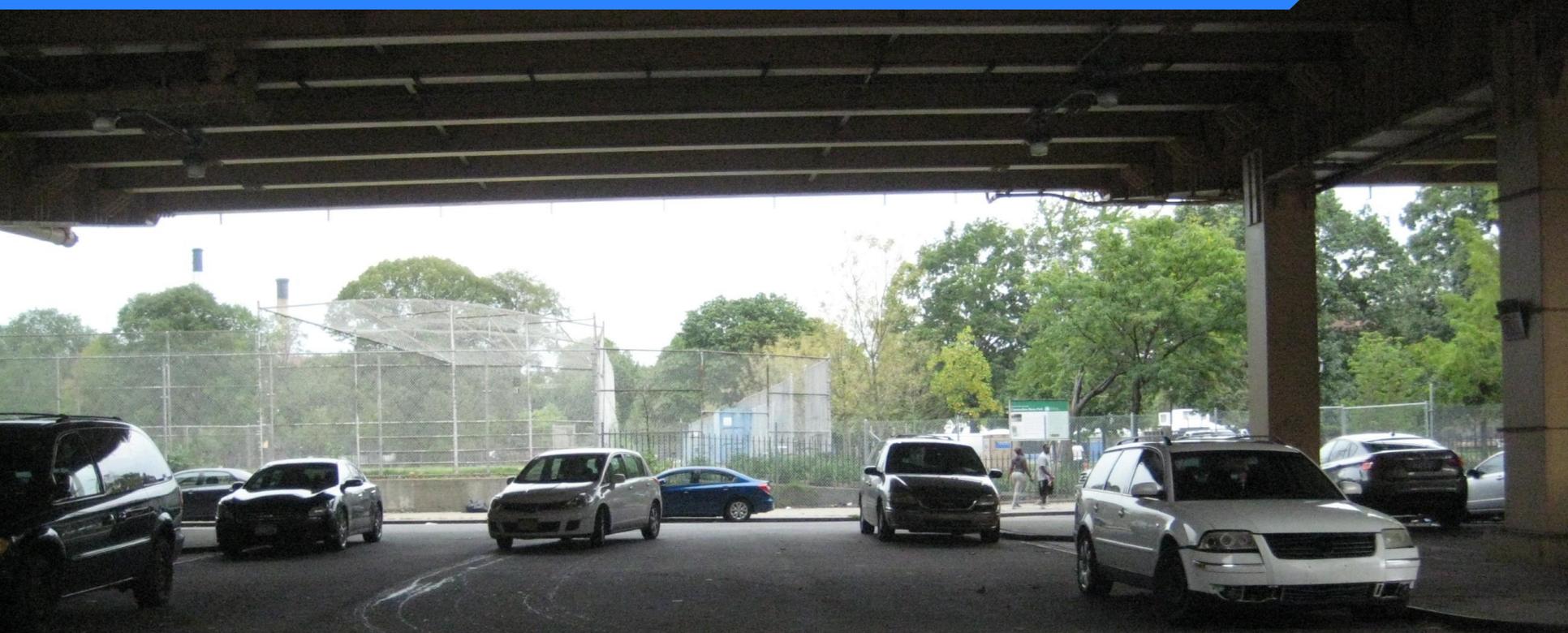
Need: High Speeds

74% of
**Motorists over
Speed Limit***

*WB Park BQE exit and North Elliot Pl

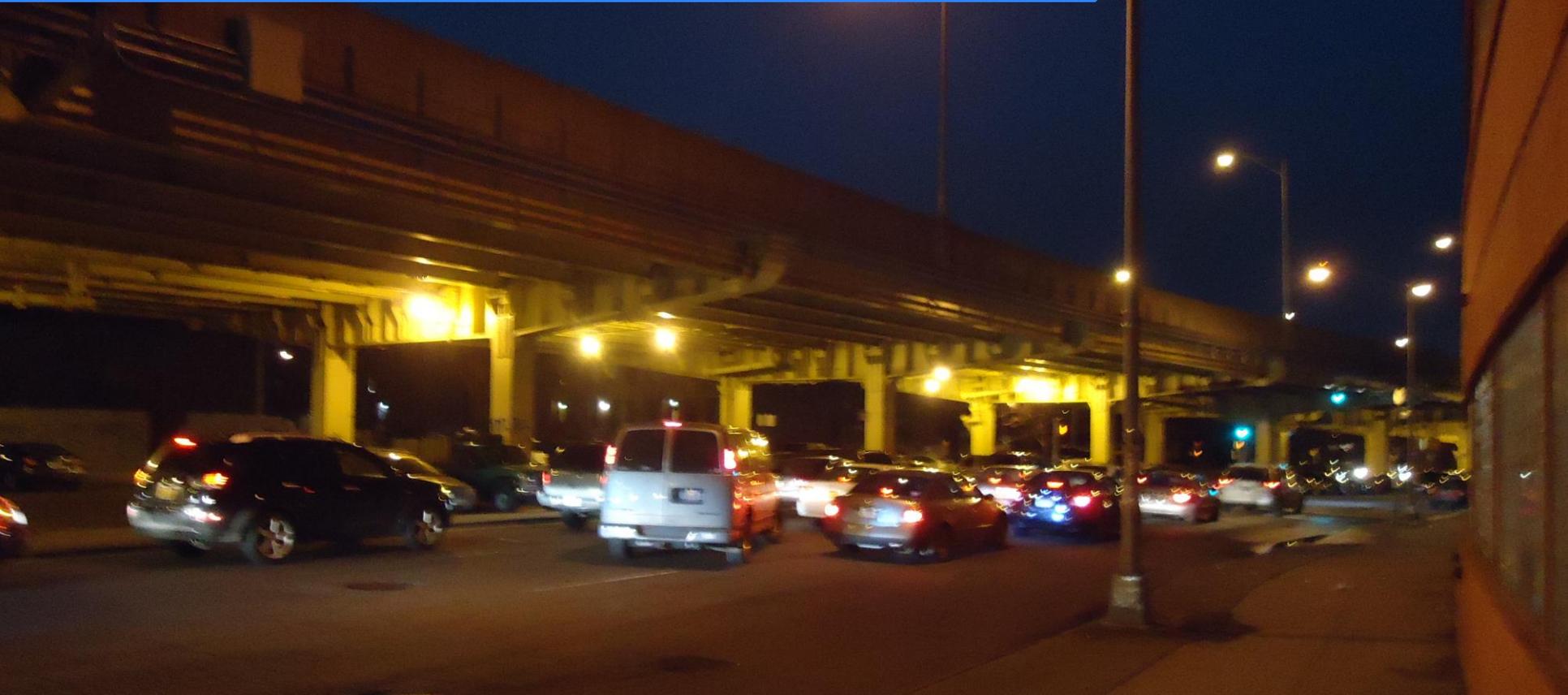


Need: Dangerous Conflicts under BQE



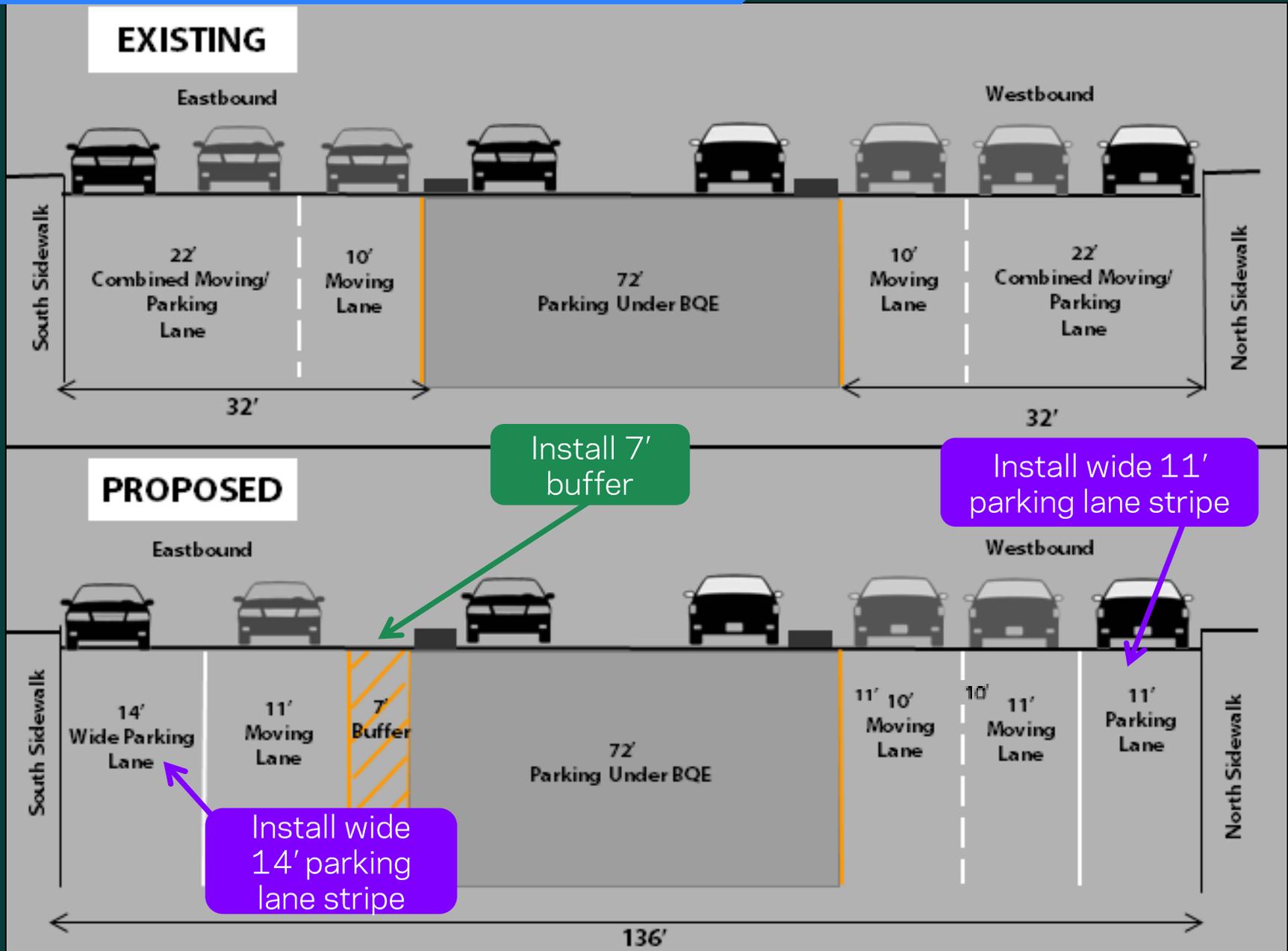
33% of
crashes right
angle

Need: Awkward 3 to 2 Merge

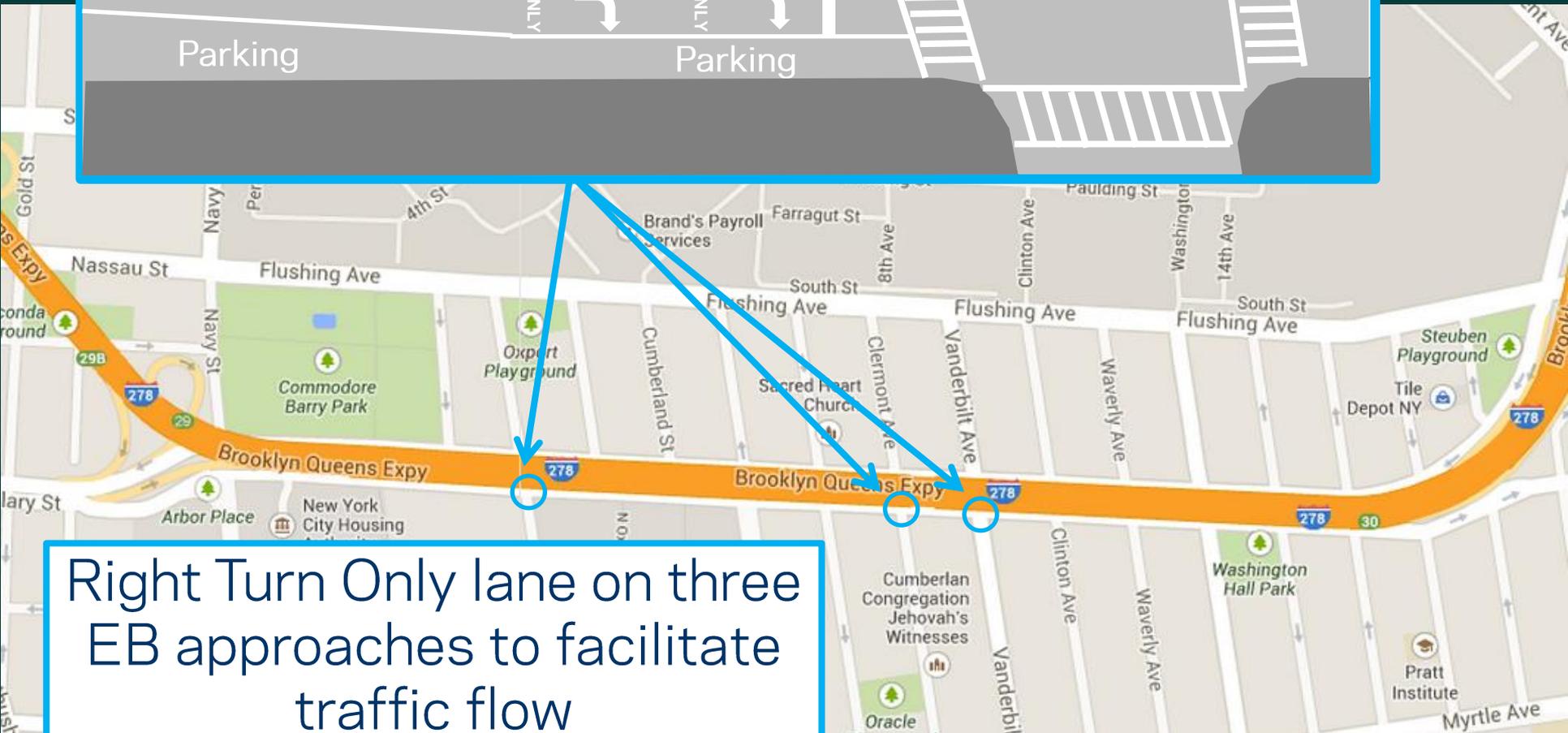
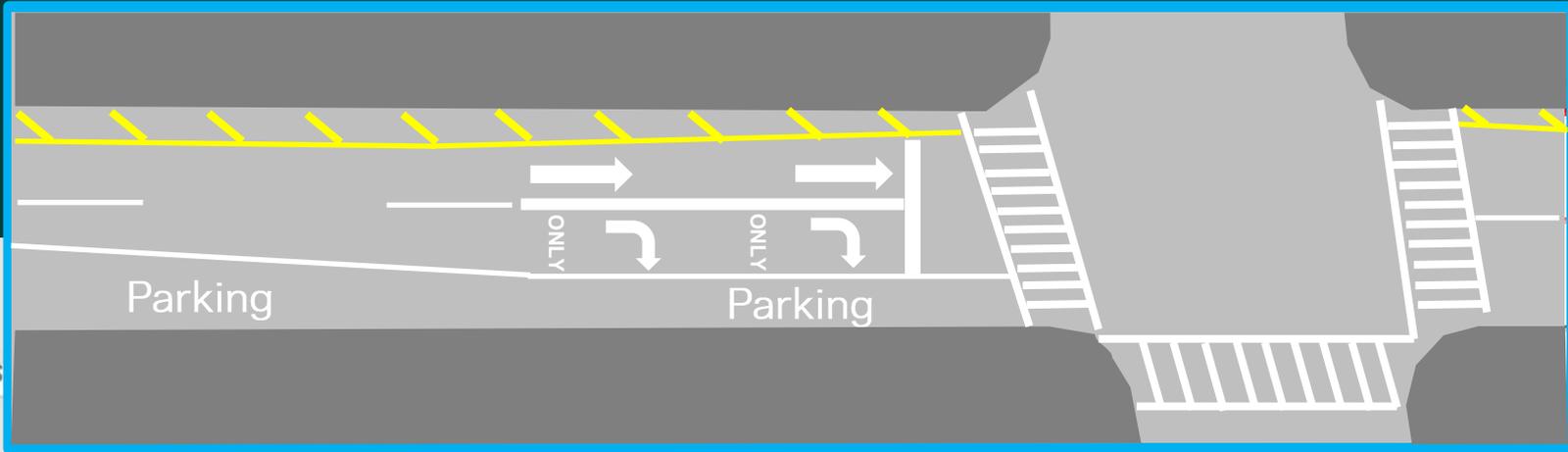


Delays Traffic
causes **Confusion**

Solutions: Traffic Calming



Solutions: Traffic Calming

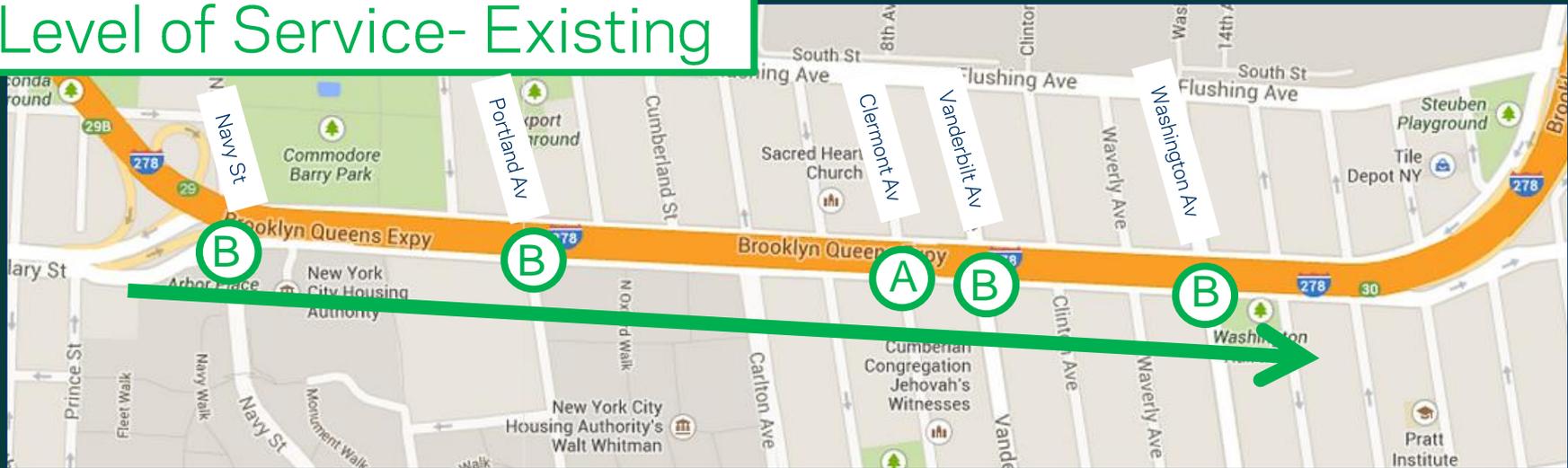


Right Turn Only lane on three
EB approaches to facilitate
traffic flow

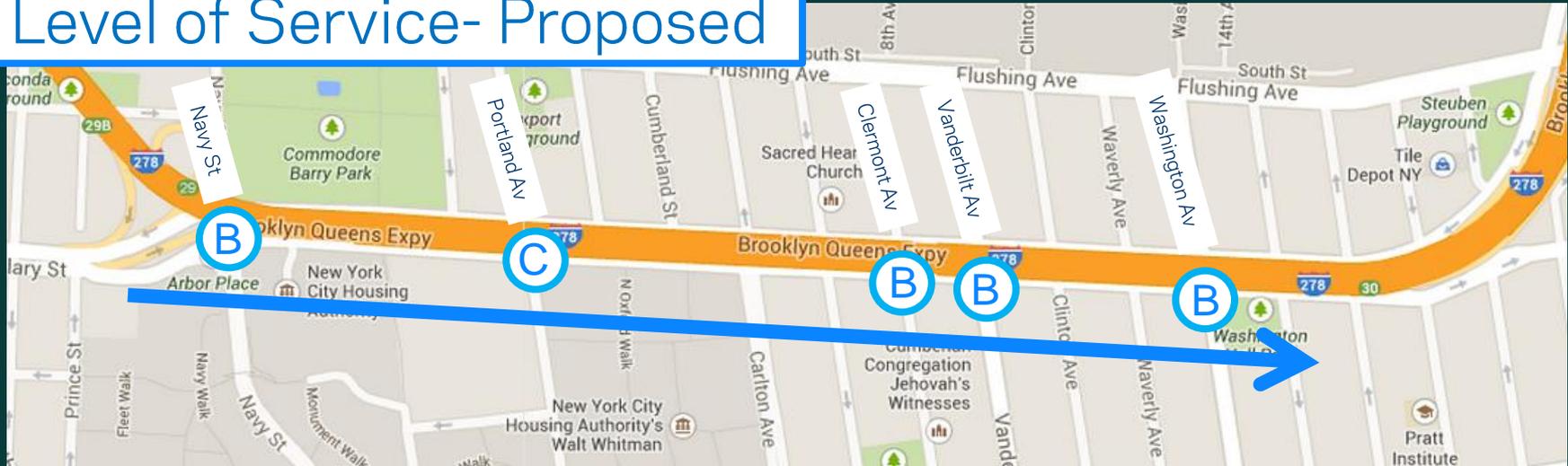
(N Portland Ave, Clermont Ave & Vanderbilt Ave)

Solutions: Avoids Adverse Traffic Impacts

Level of Service- Existing



Level of Service- Proposed



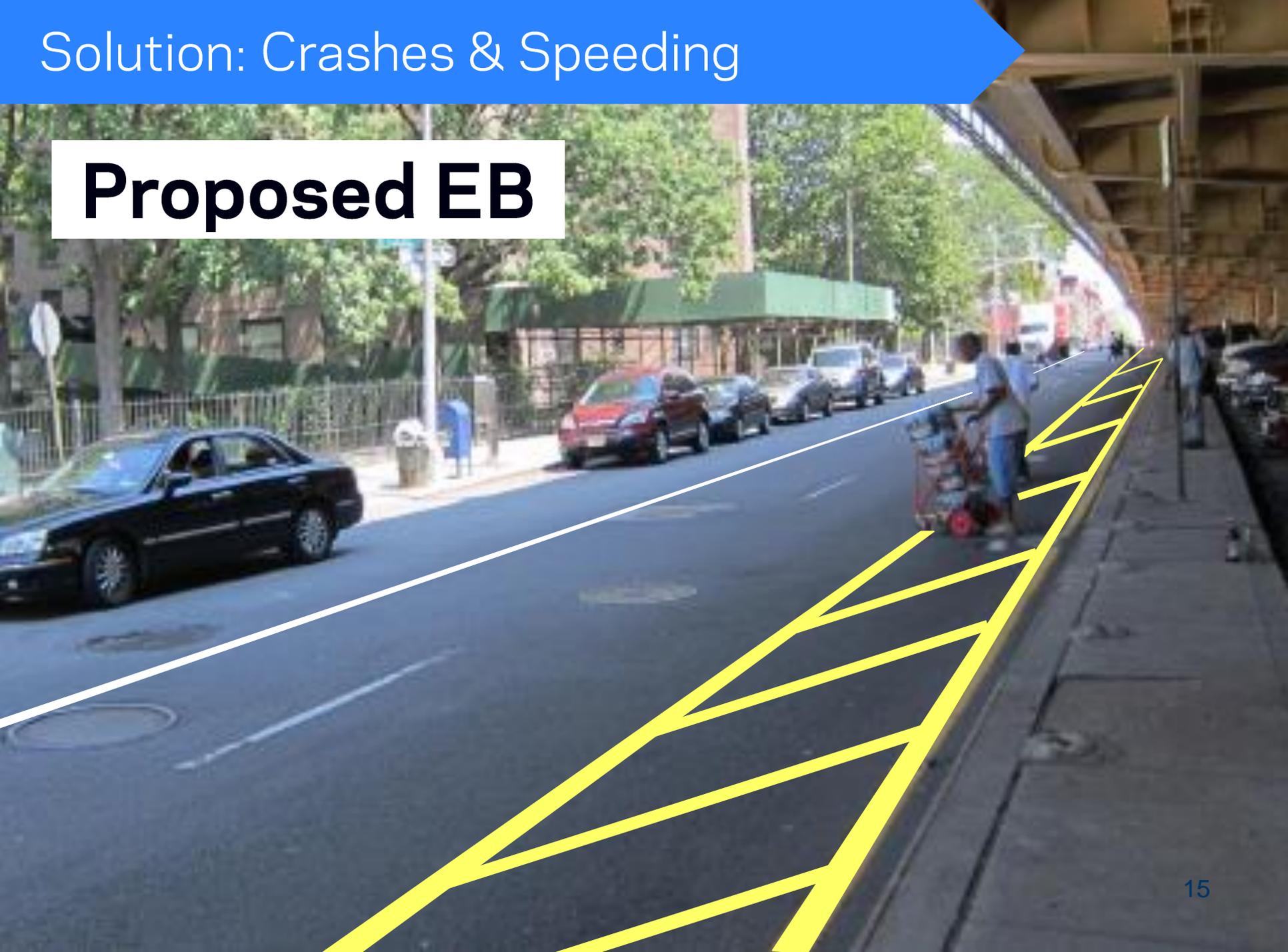
Solution: Crashes & Speeding

Existing EB



Solution: Crashes & Speeding

Proposed EB



Solution: Crashes & Speeding

Existing WB

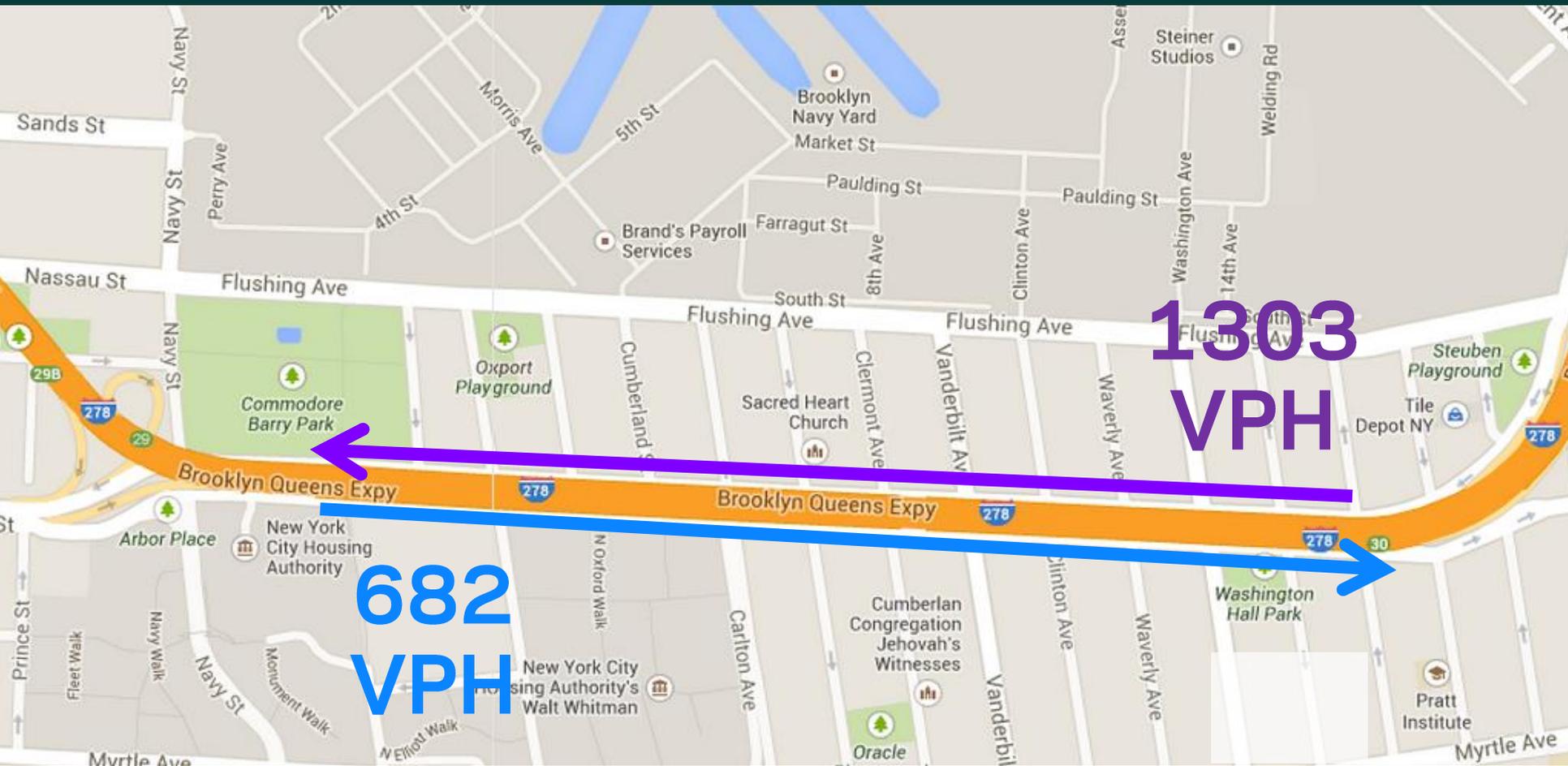


Solution: Crashes & Speeding

Proposed WB



Why different treatments EB & WB?



Solution: Crashes & Speeding

More Time to Cross Park Ave

Peak Times +2 secs = 6'
Evening +6 secs = 18'

Optimize Progression

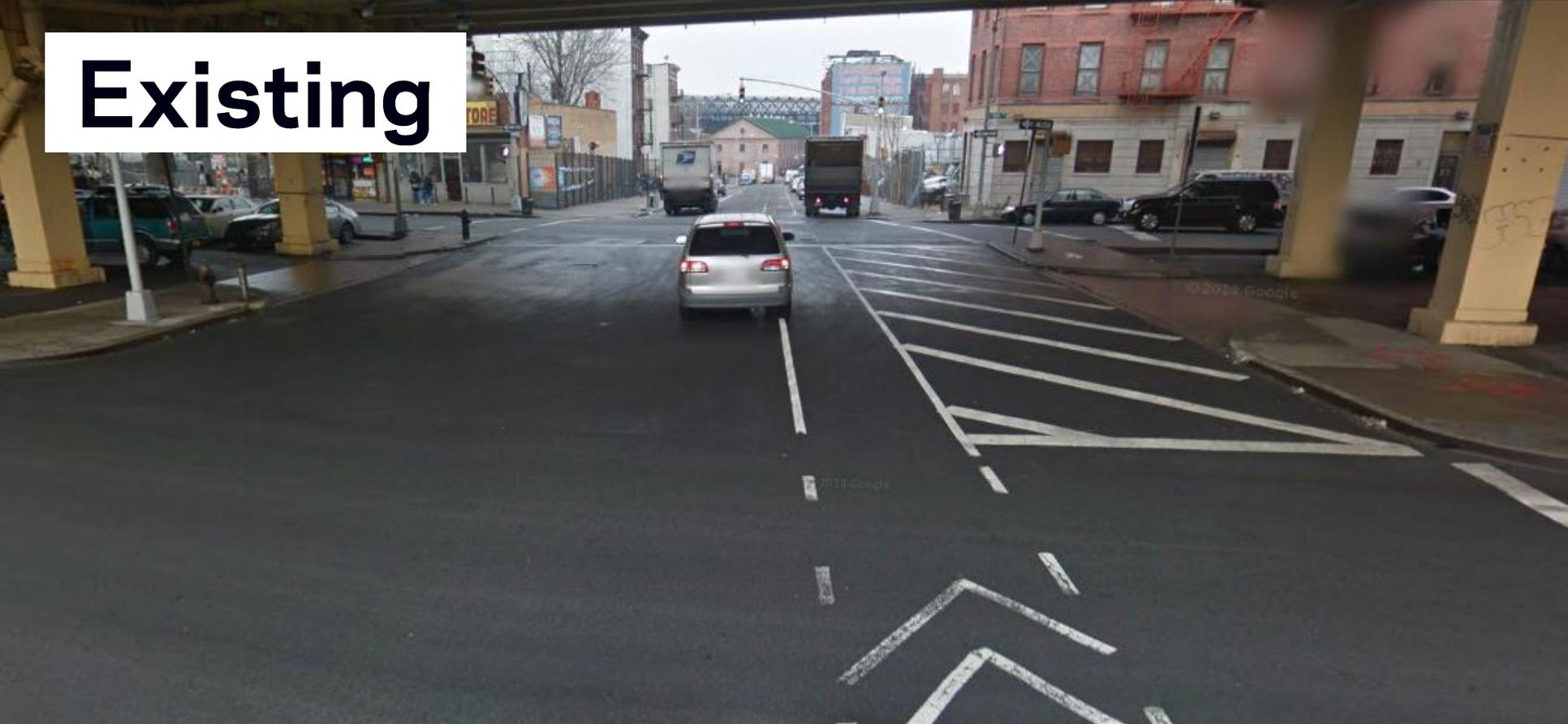
Reduce Speeding
Better Travel Times

32'



Solution: Dangerous Conflict under BQE

Existing

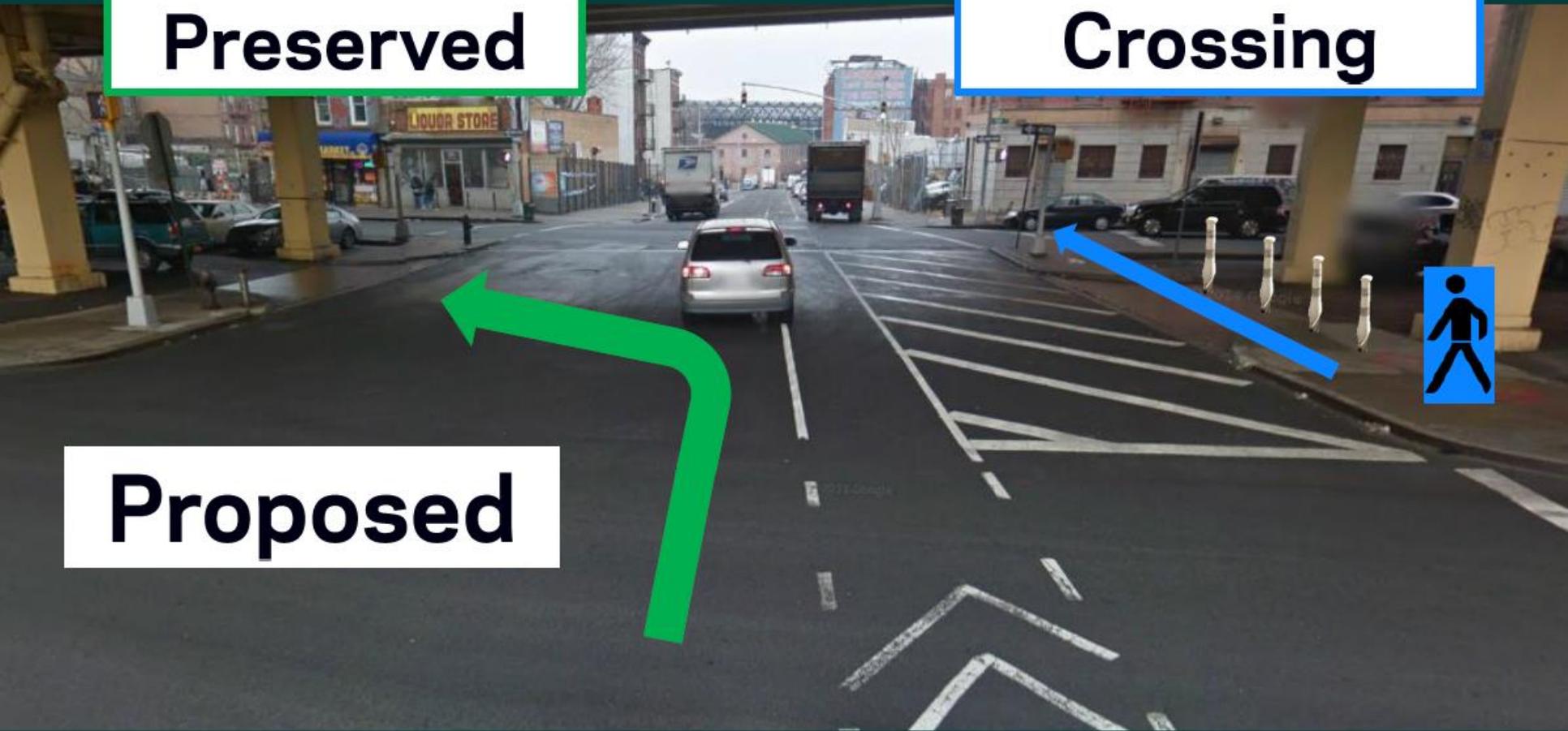


Solution: Dangerous Conflicts under BQE

**Access
Preserved**

**Conflict Free
Pedestrian
Crossing**

Proposed



Solution: Dangerous Conflict under BQE

Existing



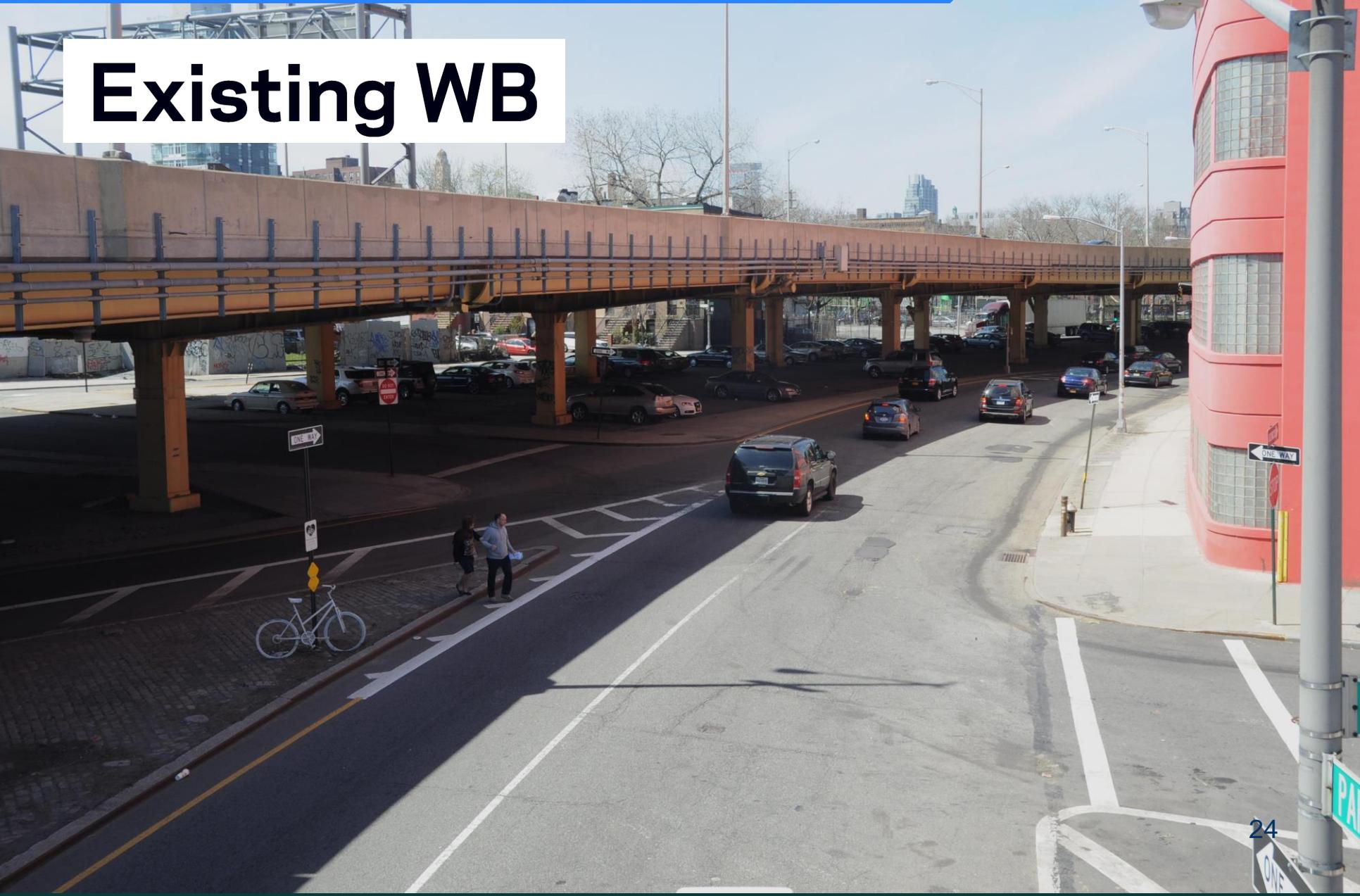
Solution: Dangerous Conflicts under BQE

Proposed



Solution: Awkward 3 to 2 Merge

Existing WB



Solution: Awkward 3 to 2 Merge

Proposed WB



Solution: Awkward 3 to 2 Merge

Proposed WB



Proposal Elements & Benefits

Reduce EB Park to 1 lane & Narrow WB Park

- Removes excess capacity and reduces ability to speed
- Less weaving and better organized traffic

Improve Signal Timing

- Optimize progression
- Increase pedestrian crossing time

Rationalize access to parking entrances

- Eliminate traffic conflicts
- Reduce right angle crashes
- Create conflict free pedestrian crossings

Eliminate awkward 3 to 2 merge

- Simplify traffic pattern
- Improve traffic flow

Questions?

**Thank
You**