



DOT & NYPD
Accomplishments
2017

Vision Zero DOT & NYPD Accomplishments

Enforcement

- **Failure to Yield**
 - Nearly 170,000 summonses since the start of Vision Zero
 - Over 50,000 summonses in 2017. More than 4 times the pre-VZ annual average
- **Speeding (Manual)**
 - Nearly 540,000 summonses since the start of Vision Zero
 - Nearly 150,000 in 2017. Up more than 90% from the pre-VZ annual average
- **Speeding (Automated)**
 - More than 4 million Notices of Liability issued since start of Vision Zero
 - Nearly 1.3 million Notices of Liability issued in 2017
 - More than 50% of Notices of Liability issued at Priority Locations in 2017

Design

- **Leading Pedestrian Intervals (LPIs)**
 - Over 2,000 new LPIs since the start of Vision Zero vs 254 citywide prior to Vision Zero (LPIs began in late 1970s)
 - 832 new LPIs in 2017 vs. pre-VZ annual average of 16
 - 1394 LPIs on Priority Corridors & 132 LPIs at Priority Intersections since the start of Vision Zero
 - 436 LPIs in Senior Pedestrian Focus Areas in 2017
- **Corridor Safety Retiming**
 - 435 miles since the start of Vision Zero
 - 92 miles of Priority Corridors retimed in 2017
 - 54 miles retimed in Senior Pedestrian Focus Areas
- **Left Turn Traffic Calming**
 - Nearly 220 intersections received a treatment since the start of Vision Zero
 - Treatments installed at 110 intersections in 2017 (107 in 2016)
 - More than 170 intersections treated in Priority Locations since start of Vision Zero
- **Turning Safety Signal Treatments**
 - Includes Split Phases, Delayed Turns (Split LPIs) for Ped/Bike, Left Turn Signals & Phases
 - Over 150 Turning Safety Signal Treatments since the start of Vision Zero
 - 53 Turning Safety Signal Treatments in 2017
 - Over 100 Turning Safety Signal Treatments at Priority Locations since the start of Vision Zero
- **Vision Zero Lighting**
 - Extra lighting fixtures added at locations where injuries were higher in darkness
 - 1000 locations completed since the start of Vision Zero
 - More than 750 in Priority Locations since start of Vision Zero

Vision Zero DOT & NYPD Accomplishments

Design (continued)

- **Total Safety Projects**
 - 356 total safety engineering projects completed since the start of Vision Zero
 - In 2017, 114 projects completed, more than double the pre-VZ annual average
 - 254 safety engineering projects completed at Priority Locations since start of Vision Zero (76 in 2017)
- **Protected Bicycle Lane Miles**
 - Over 60 miles of Protected Bike Lanes installed since start of Vision Zero
 - Nearly 25 miles installed in 2017, the most of any year and nearly quadruple the pre-VZ annual average
- **Dedicated Bicycle Lane Miles**
 - More than 180 miles of dedicated cycling space (conventional and protected bicycle lanes) installed since start of Vision Zero
 - In 2017, more than 66 miles of dedicated cycling space (conventional and protected bicycle lanes) installed, more than double the pre-VZ annual average
- **Speed Bumps**
 - Over 1,500 new speed bumps since the start of Vision Zero
 - Nearly 400 new in 2017, more than double the pre-VZ annual average
 - Over 460 new speed bumps installed in Priority Areas since start of Vision Zero
- **Enhanced Crossings**
 - Over 110 intersections received a treatment since the start of Vision Zero
 - Treatments installed at 39 intersections in 2017
 - Over 30 treatments installed at Priority Locations since start of Vision Zero
- **Bus Safety & Operations**
 - 13 projects implemented in 2017 that enhance bus safety & operations (23 in 2016)
 - 212 Leading Pedestrian Intervals (LPIs) installed at bus turn locations (174 since start of Vision Zero, 55 in 2017)

Safety Education

- NYPD & DOT Street Teams visited over 480 Priority Locations since start of Vision Zero (nearly 2 million flyers distributed)
- More than 120 Priority Locations visited in 2017 (over 250,000 flyers distributed)
- DOT Safety Education visited over 1,300 schools at Priority Locations since start of Vision Zero
- More than 300 schools in Priority Locations visited in 2017
- DOT Safety Education visited nearly 300 senior centers at Priority Locations since start of Vision Zero
- More than 90 senior centers in Priority Locations visited in 2017

Public Awareness Campaigns

- Driver behavior and comprehension continues to trend upward directionally
- Awareness and support of Vision Zero remains at a high level
- Performance on key metrics is statistically consistent year over year
- In October 2017, the City introduced the new Vision Zero campaign “Signs”

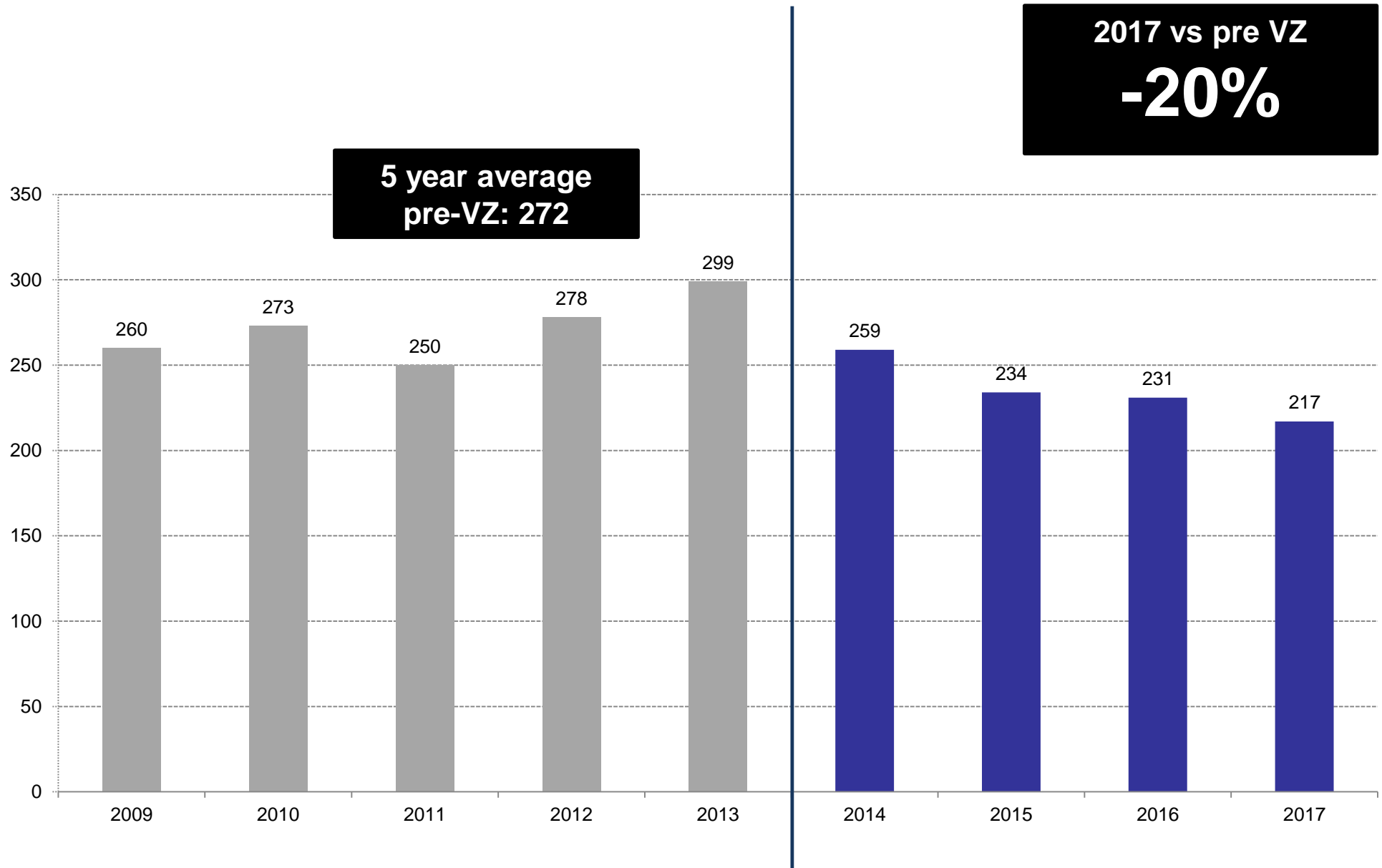


DOT & NYPD

Accomplishments

Traffic Fatalities

All Traffic Fatalities Before & After Vision Zero

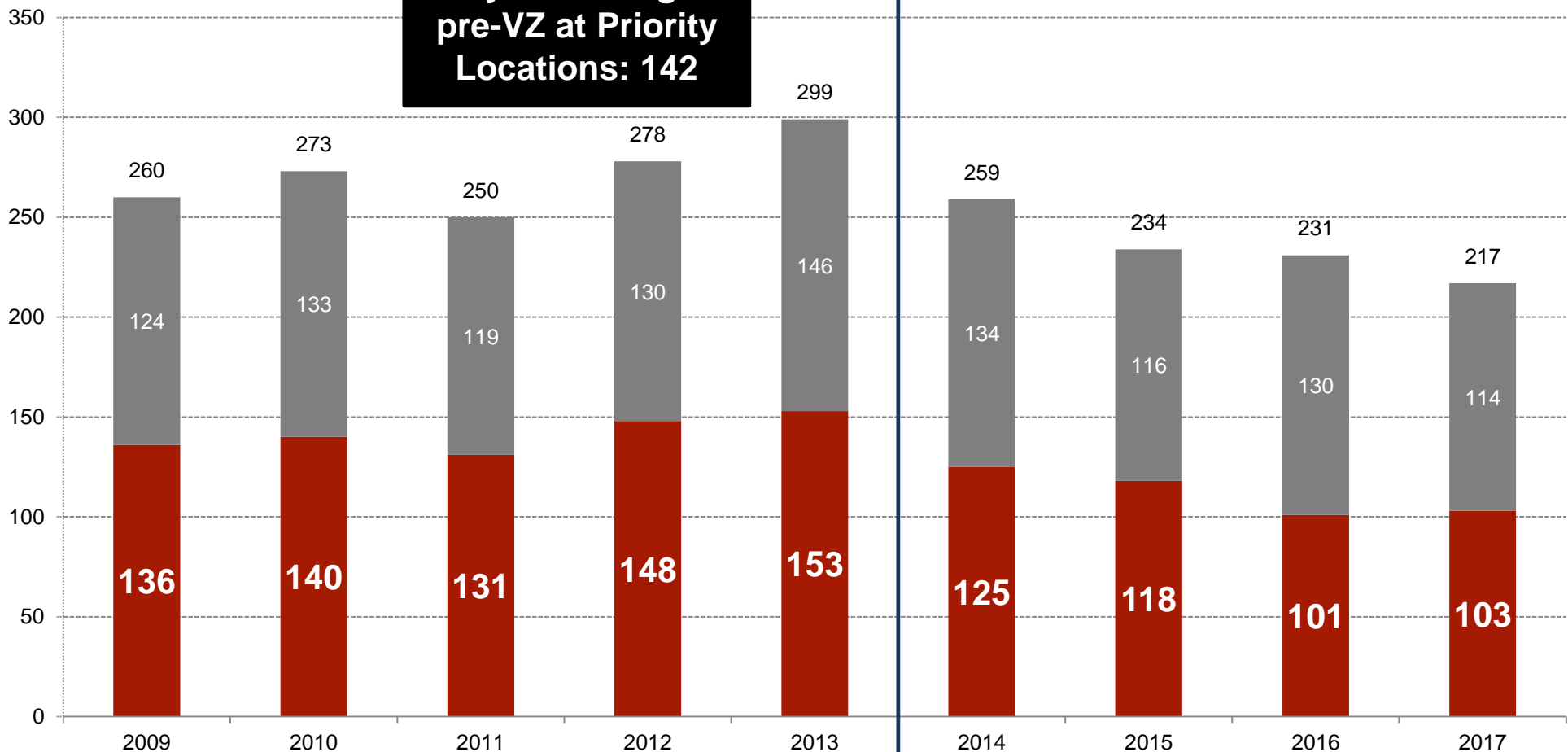


All Traffic Fatalities Before & After Vision Zero

- Fatalities at Priority Locations have fallen **27%**, from **142** to **103**. Not at Priority Locations, fatalities were down 12% in 2017 versus the pre-Vision Zero average (130 vs. 114)

**2017 vs pre VZ
At Priority Locations:
-27%**

**5 year average
pre-VZ at Priority
Locations: 142**

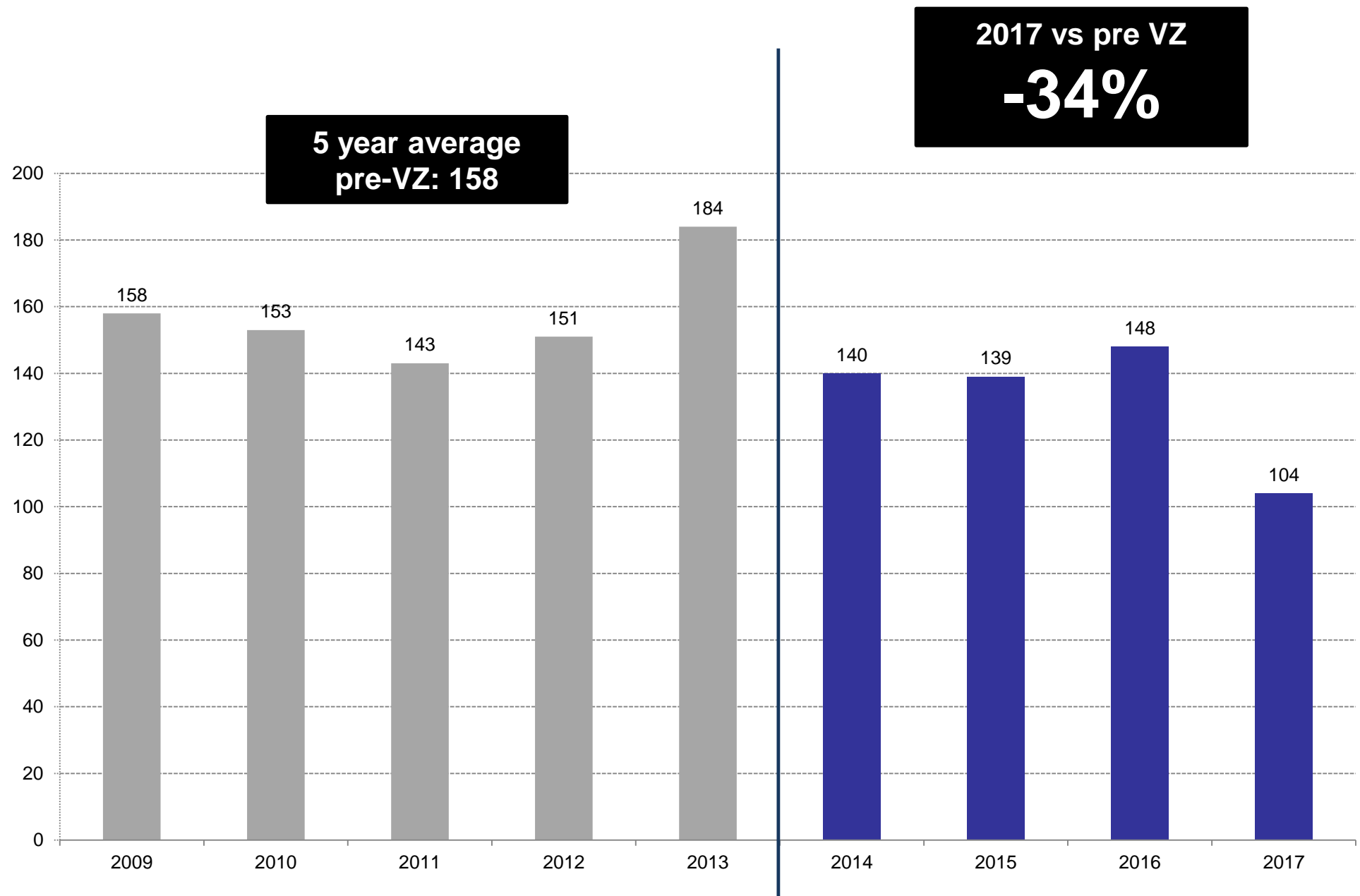


■ Fatalities at non-Priority Locations
■ Fatalities at Priority Locations



Data as of 02/27/18

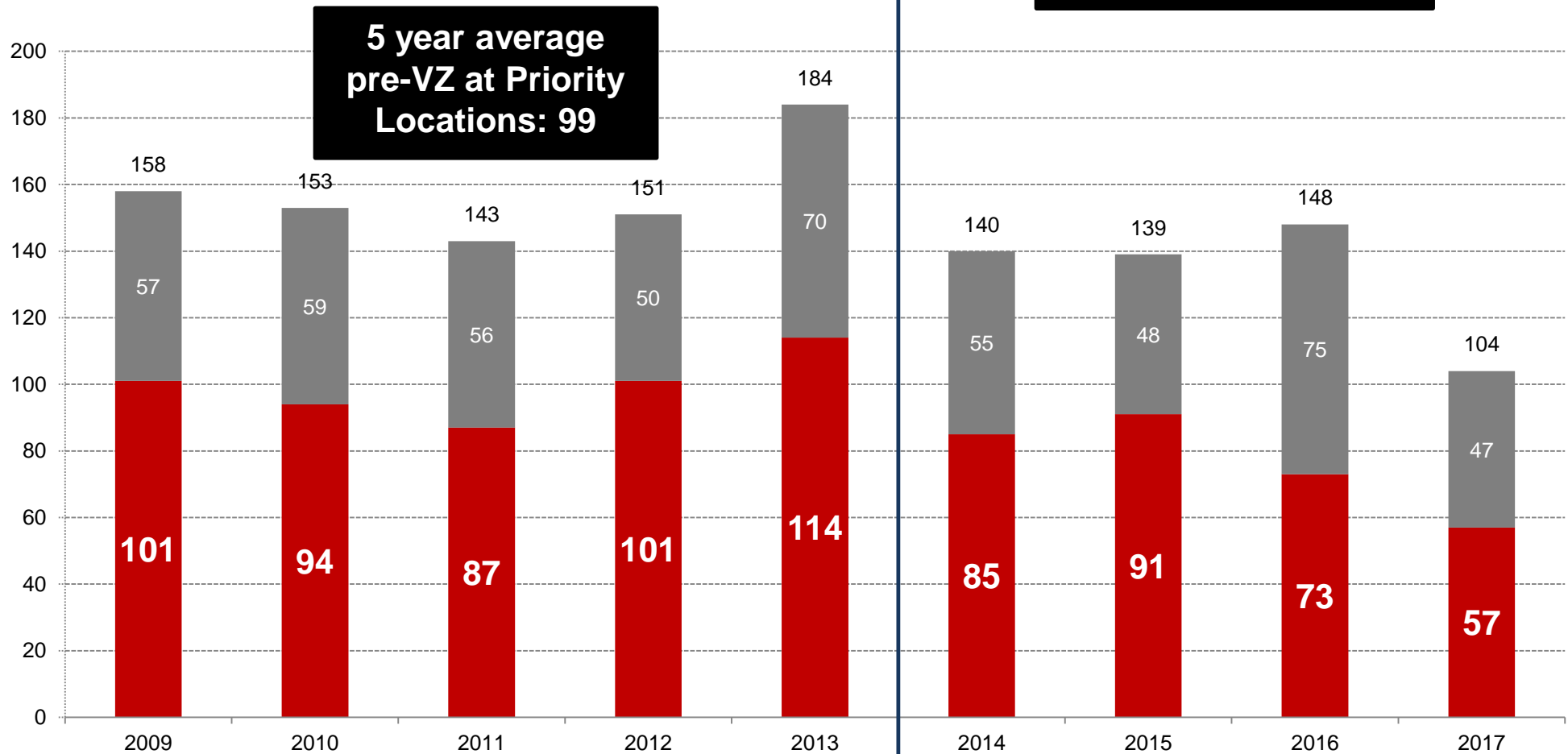
Pedestrian Fatalities Before & After Vision Zero



Pedestrian Fatalities Before & After Vision Zero

- Pedestrian fatalities at Priority Locations have fallen **42%**, from **99** to **57**. Not at Priority Locations, pedestrian fatalities were down 19% in 2017 versus the pre-Vision Zero average (58 vs. 47)

**2017 vs pre VZ
at Priority Locations:
-42%**



■ Fatalities at non-Priority Locations
■ Fatalities at Priority Locations



Data as of 02/27/18

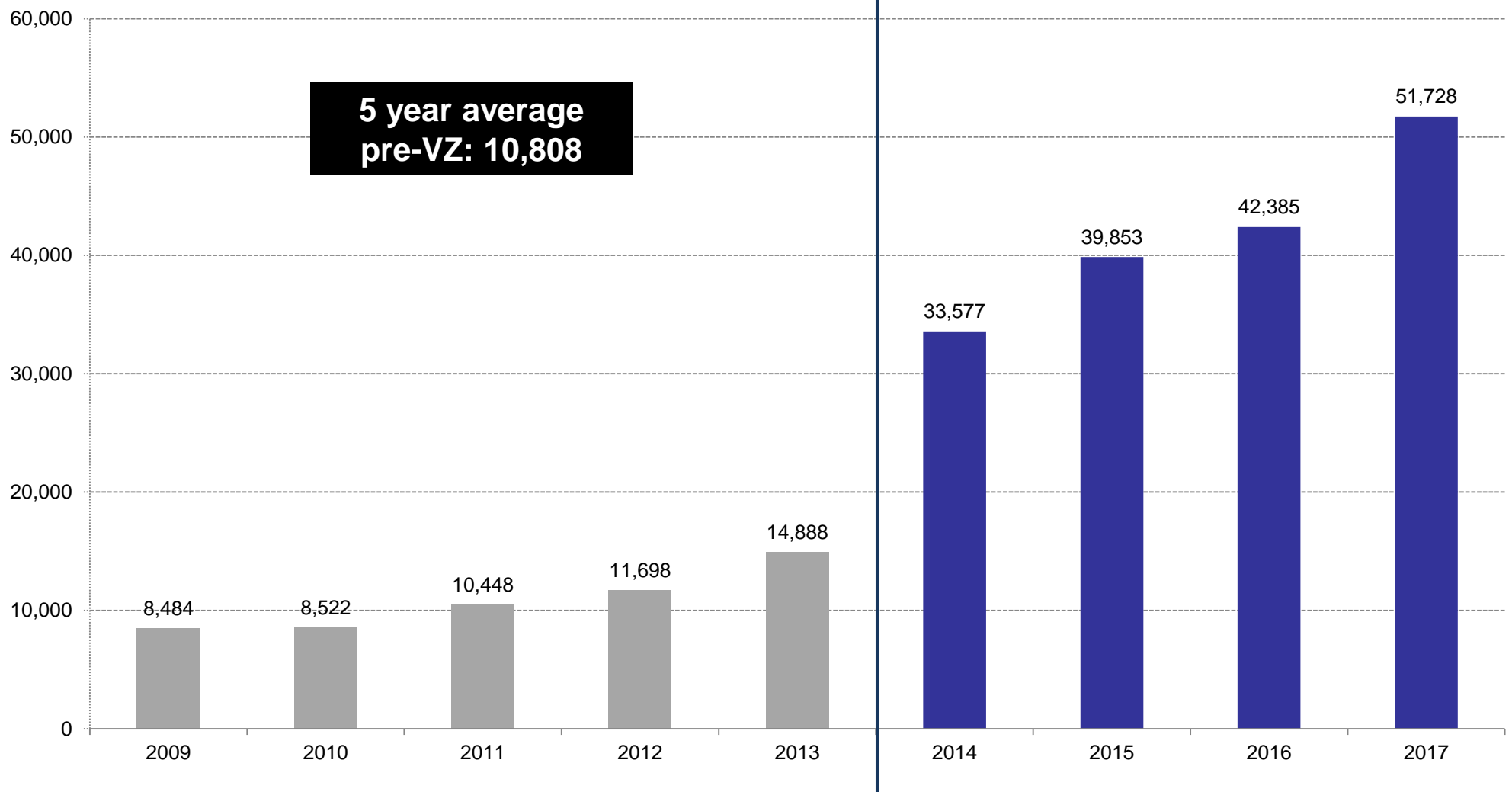


DOT & NYPD
Accomplishments
Enforcement

Failure to Yield

Summons Before & After Vision Zero

- Nearly **170,000** summonses since the start of Vision Zero
- Over **50,000** summonses in 2017. More than **4 times** the pre-VZ annual average

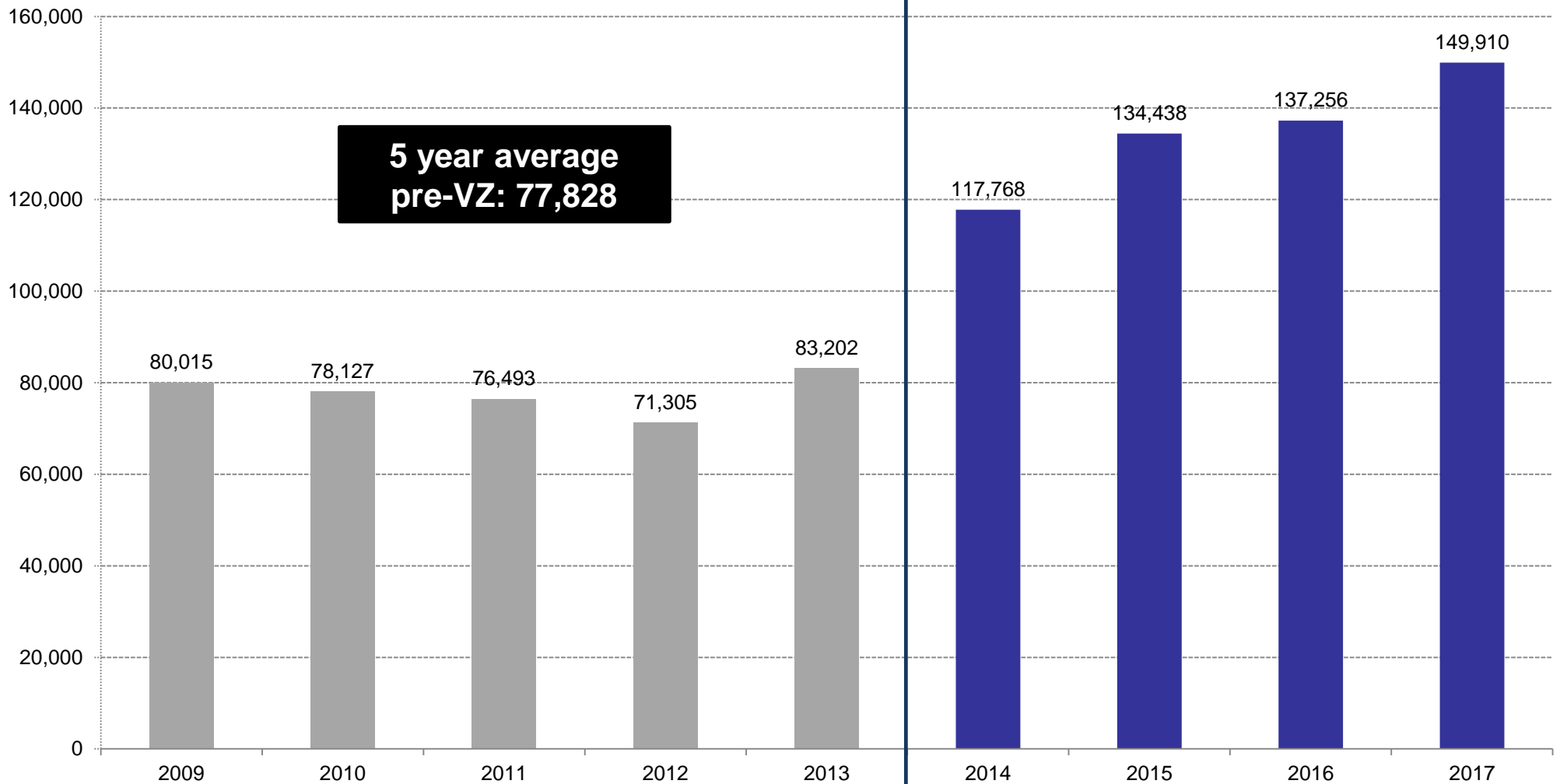


Speeding Manual Summons Before & After Vision Zero

- Nearly **540,000** summonses since the start of Vision Zero
- Nearly **150,000** in 2017. Up more than **90%** from the pre-VZ annual average

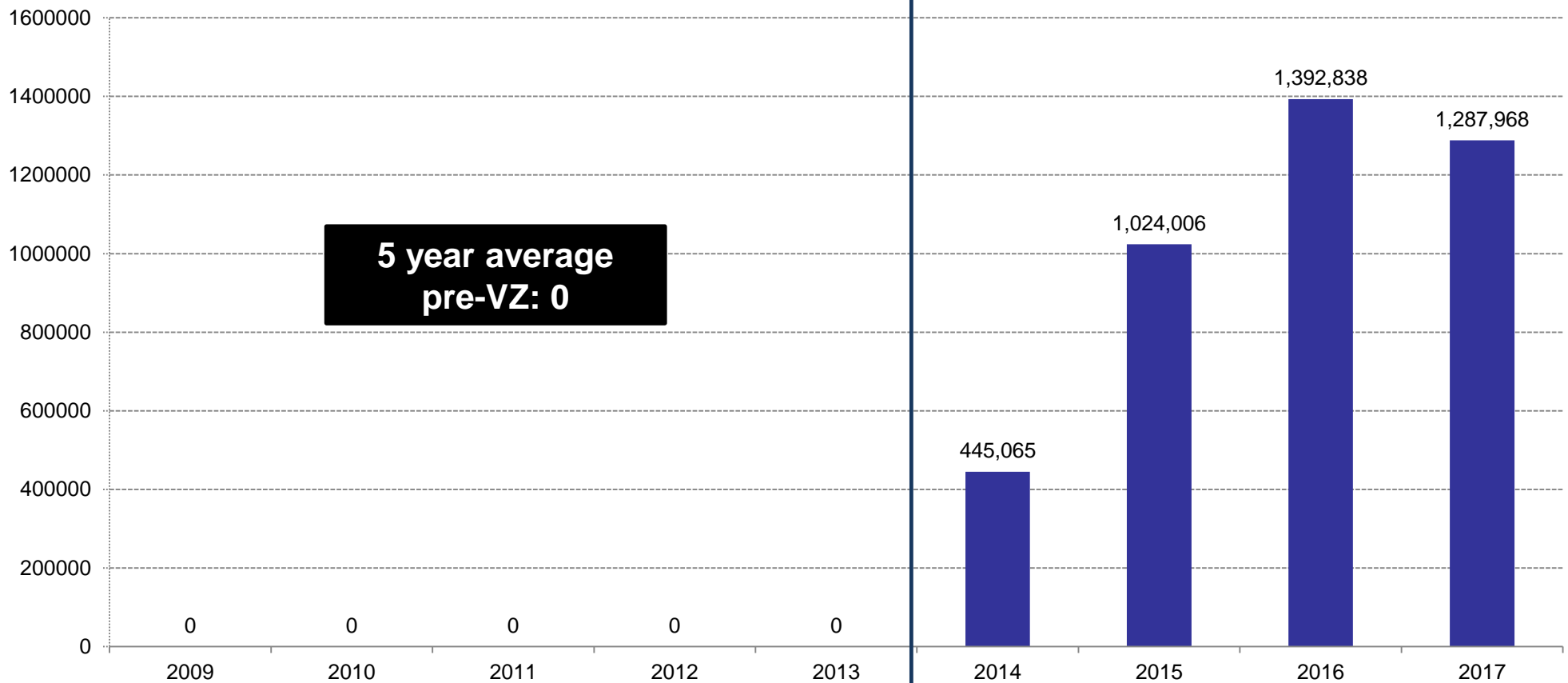
2017 vs pre VZ

+93%



Speeding Automated Violations Before & After Vision Zero

- More than **4 million** Notices of Liability issued since start of Vision Zero
- Nearly **1.3 million** Notices of Liability issued in 2017
- More than **50%** of Notices of Liability issued at Priority Locations in 2017





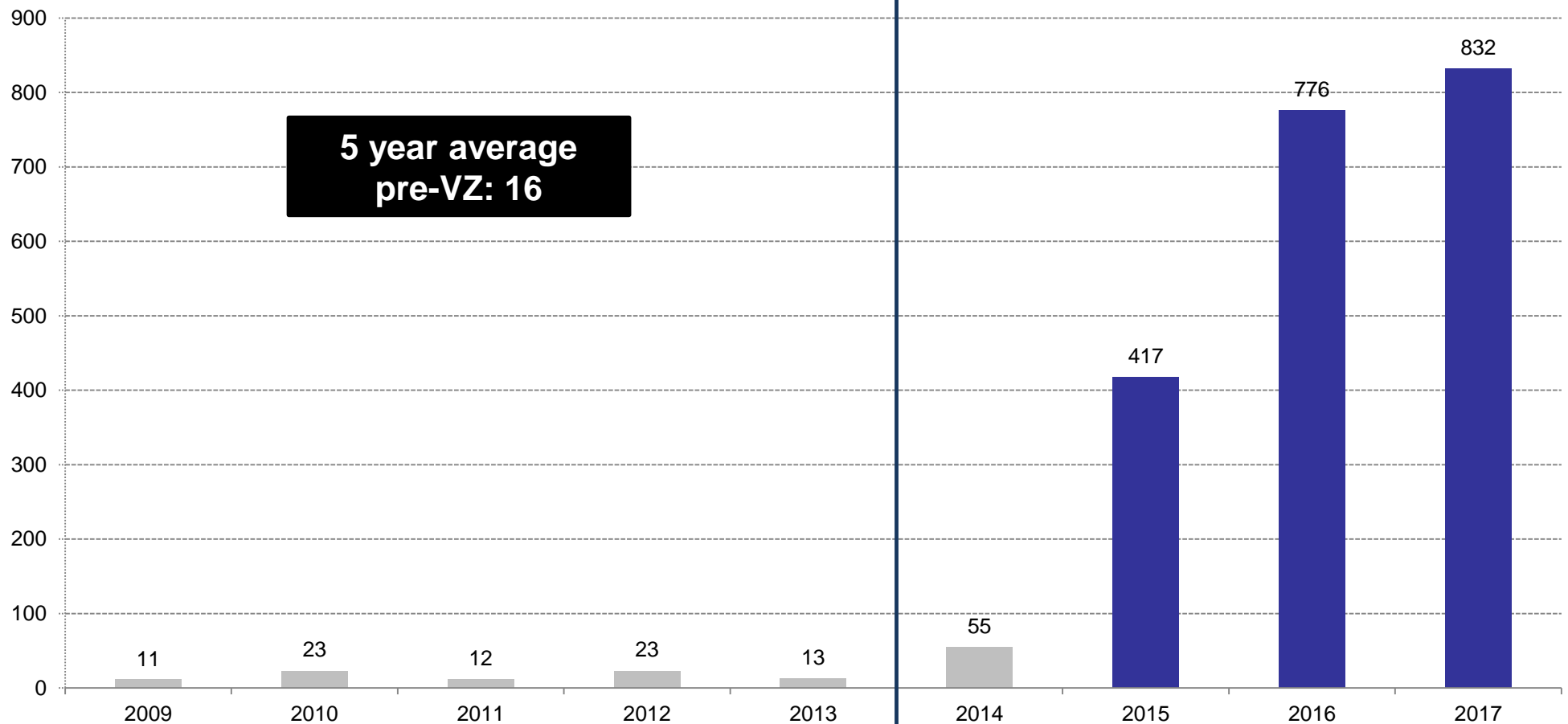
DOT & NYPD
Accomplishments
Design

Leading Pedestrian Intervals

Installs Before & After Vision Zero

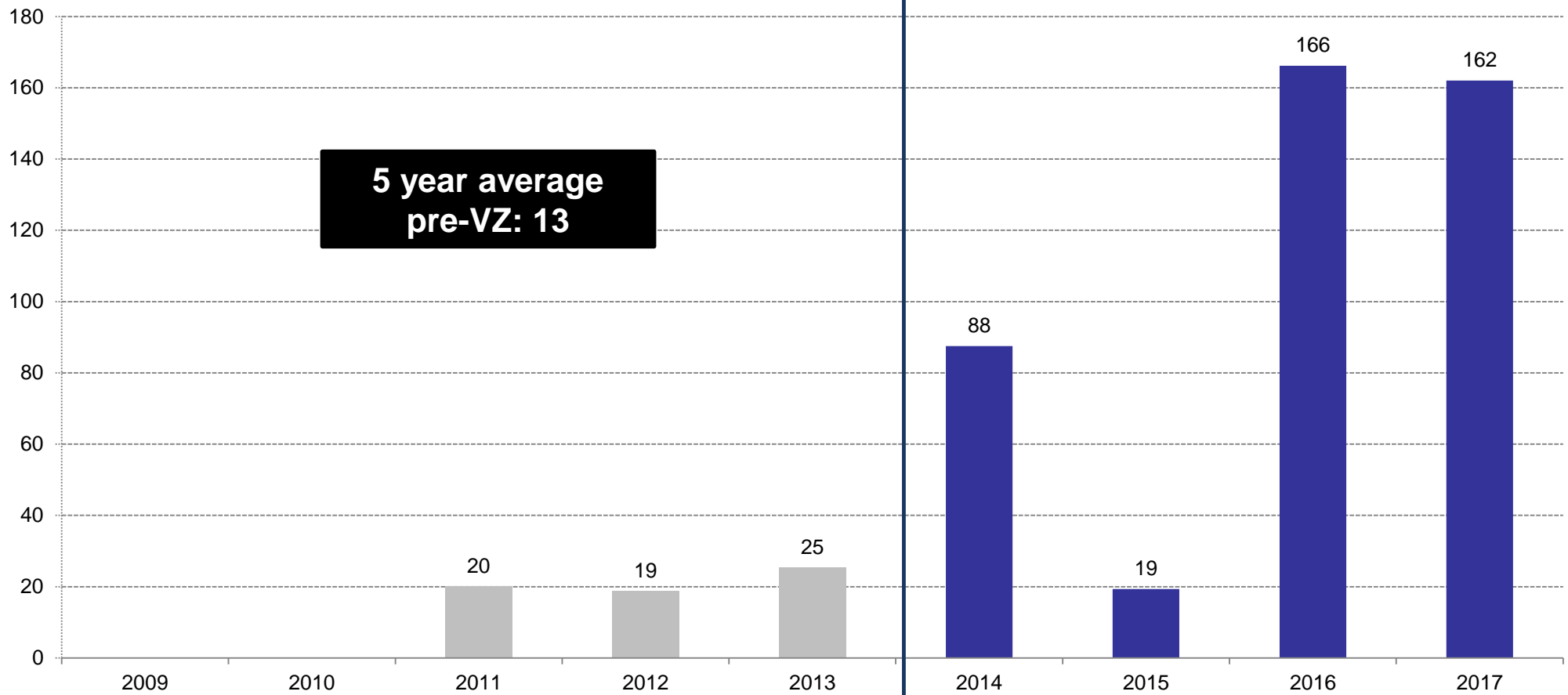
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- 436 LPIs in Senior Pedestrian Focus Areas in 2017

2017 vs pre VZ
+5,100%



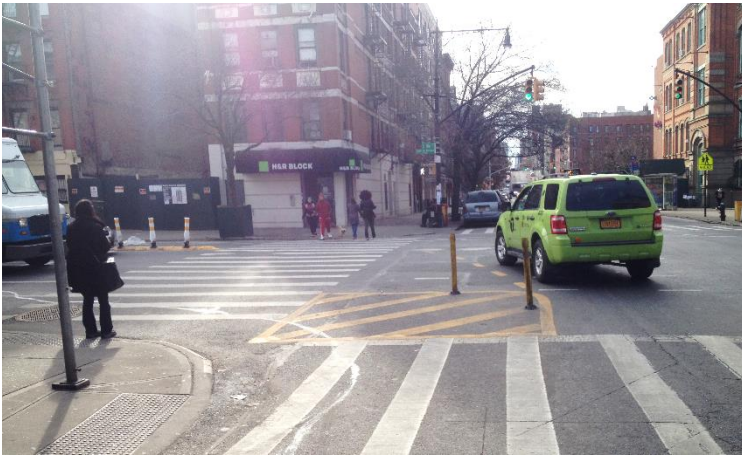
Corridor Safety Retiming Before & After Vision Zero

- 435 miles since the start of Vision Zero
- 92 miles of Priority Corridors retimed in 2017
- 54 miles retimed in Senior Pedestrian Focus Areas



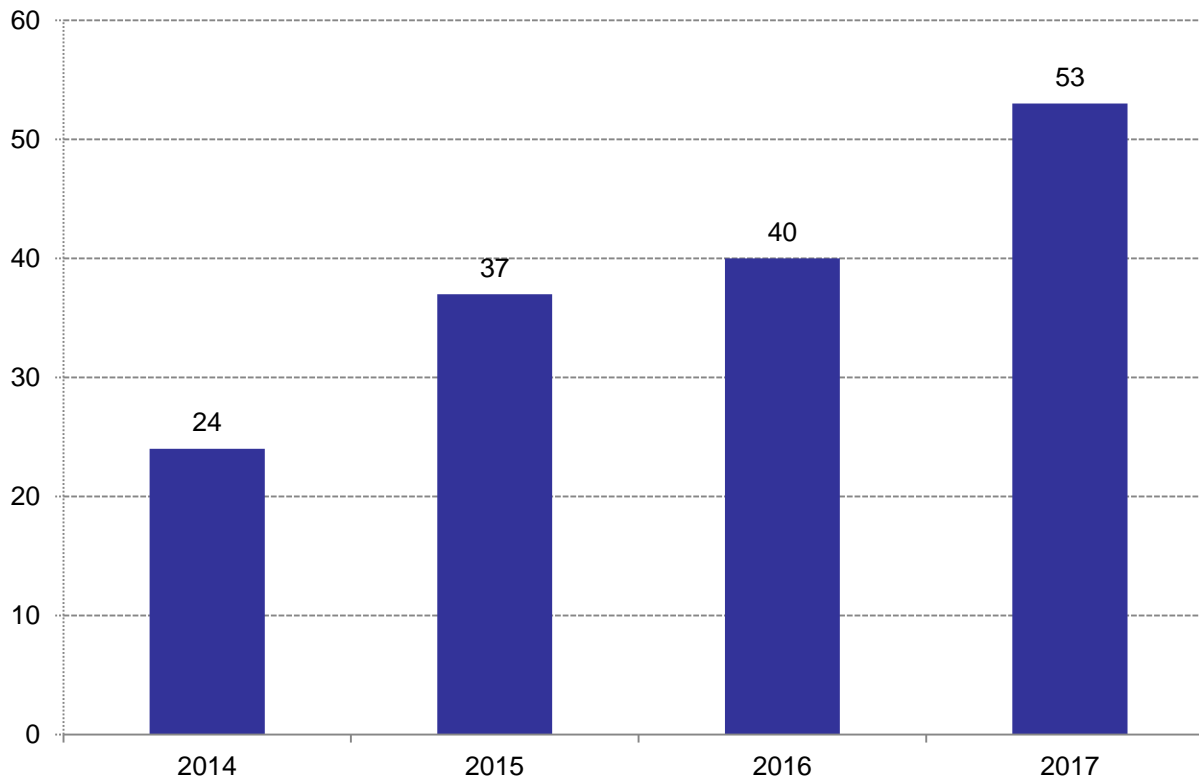
Left Turn Traffic Calming Program

- Nearly 220 intersections received a treatment since the start of Vision Zero
- Treatments installed at 110 intersections in 2017 (107 in 2016)
- More than 170 intersections treated at Priority Locations since start of Vision Zero



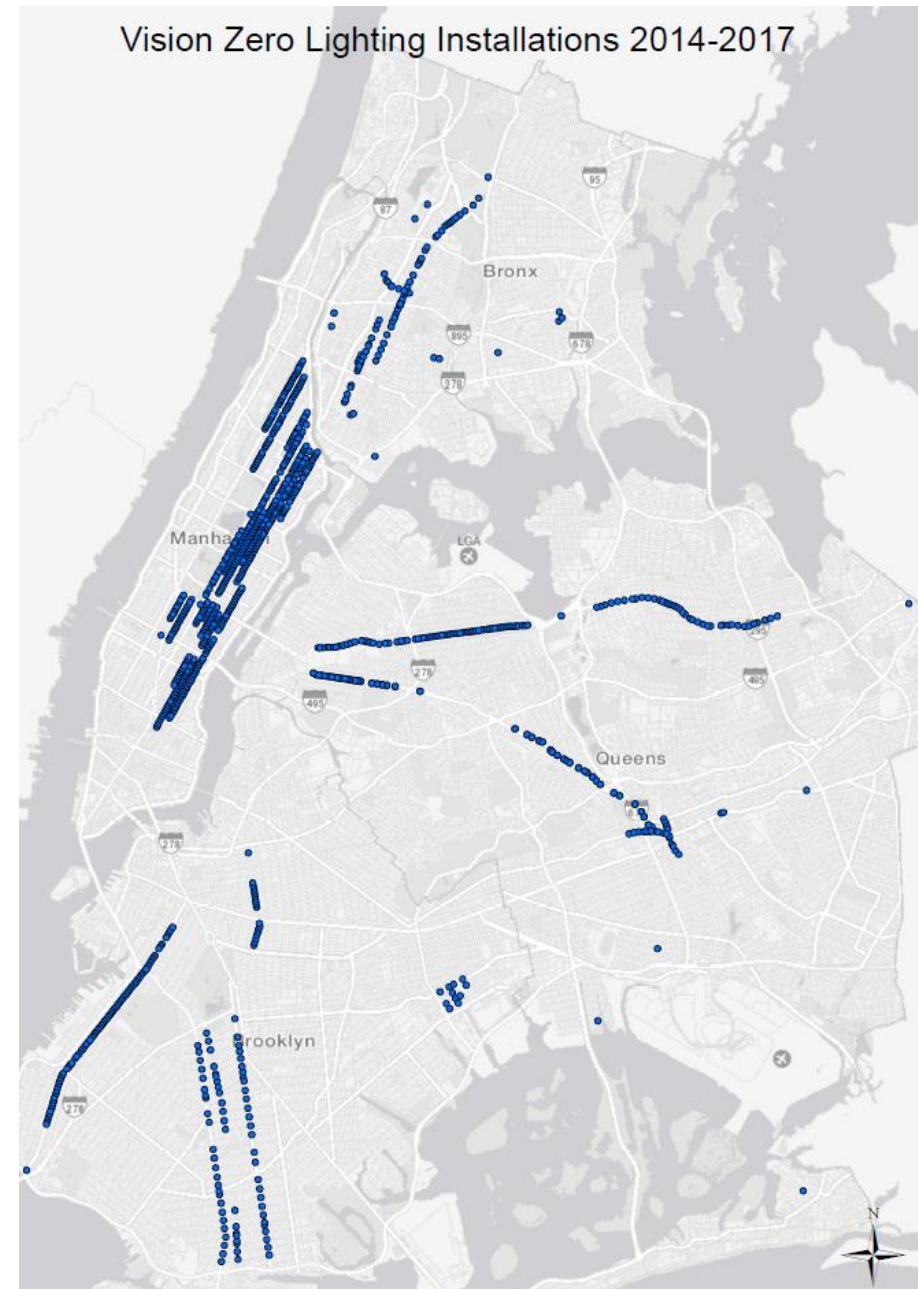
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Vision Zero Lighting

- Extra lighting fixtures added at locations where injuries were higher in darkness
- 1000 locations completed since the start of Vision Zero
- More than 750 in Priority Locations since start of Vision Zero

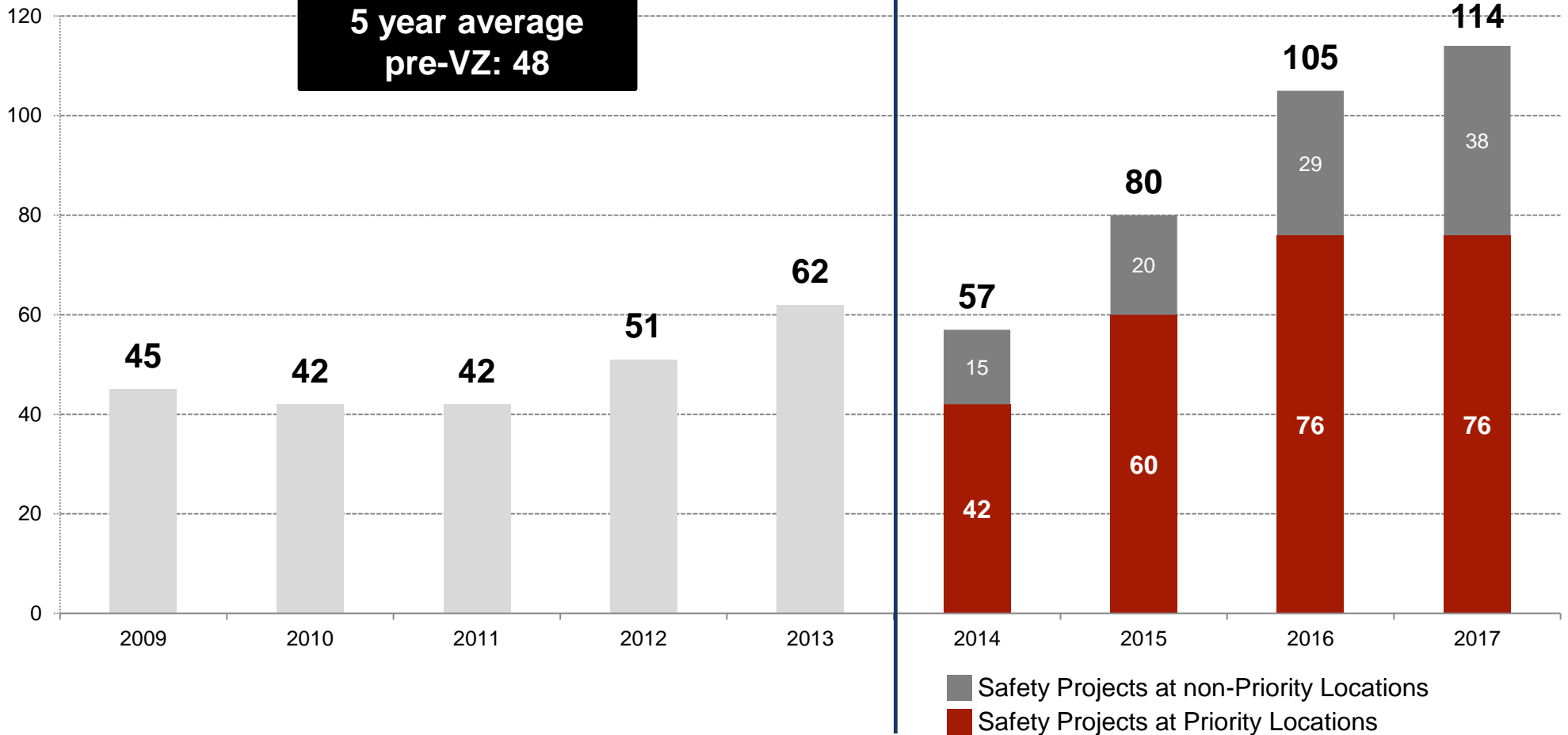


Total Safety Projects Before & After Vision Zero

- **356** total safety engineering projects completed since the start of Vision Zero
- In 2017, **114** projects completed, more than **double** the pre-VZ annual average
- **254** safety engineering projects completed at Priority Locations since start of Vision Zero (76 in 2017)

2017 vs pre VZ
+138%

5 year average
pre-VZ: 48



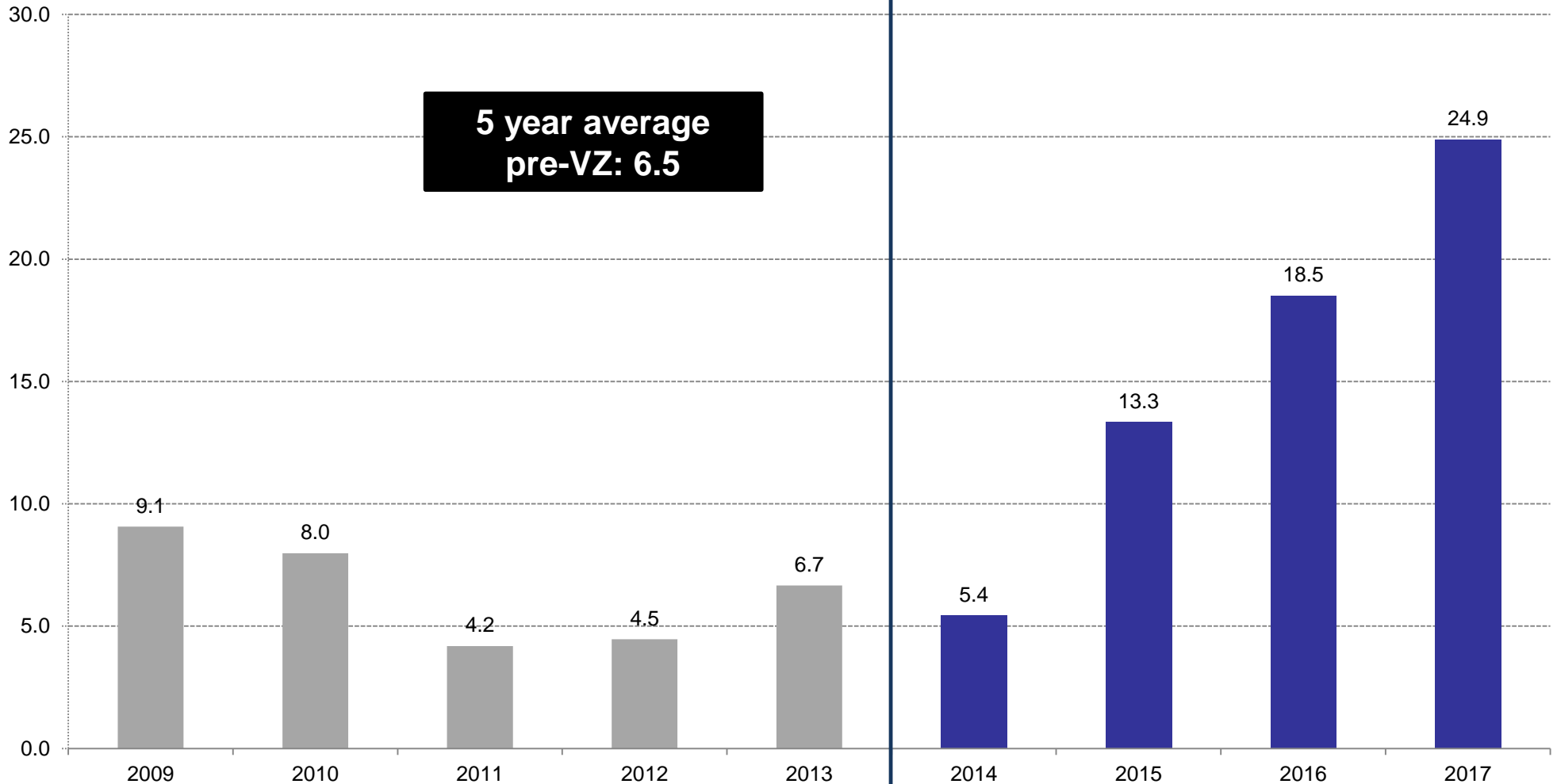
Protected Bike Lane Miles Before & After Vision Zero

- Over **60** miles of Protected Bike Lanes installed since start of Vision Zero
- **Nearly 25** miles installed in 2017, the most of any year and nearly **quadruple** the pre-VZ annual average

2017 vs pre VZ

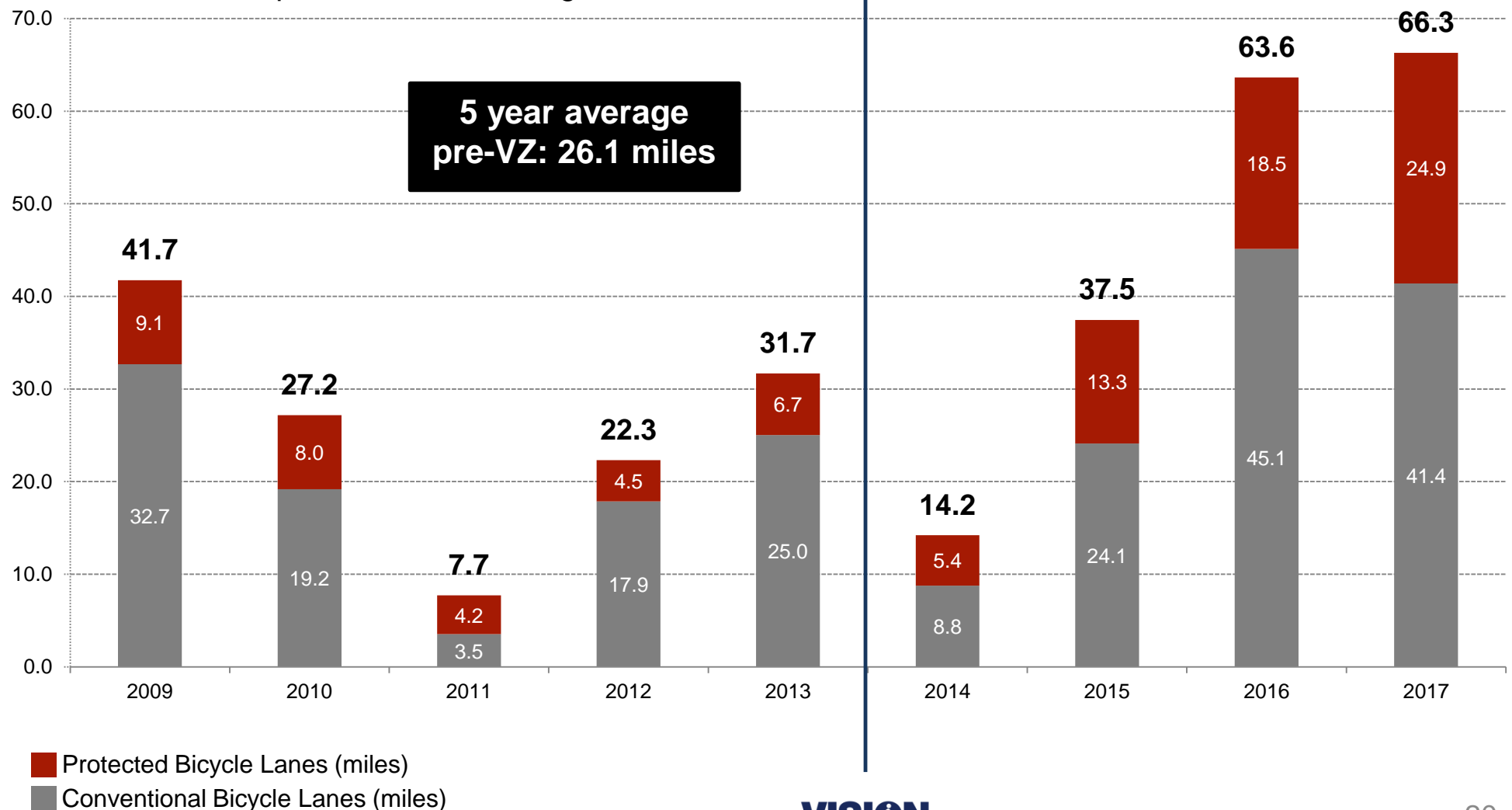
+285%

5 year average
pre-VZ: 6.5



Dedicated Cycling Space Before & After Vision Zero

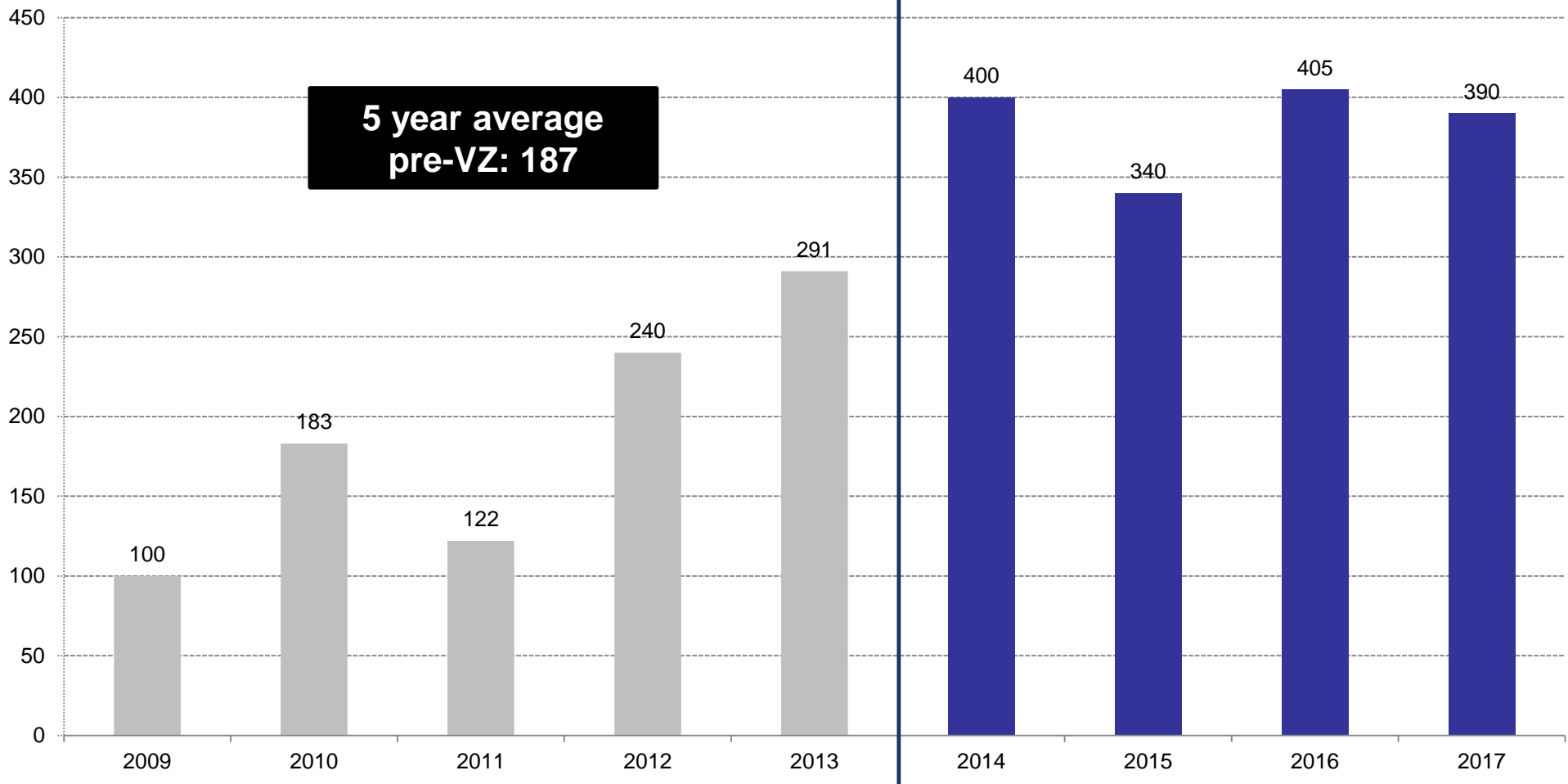
- **More than 180 miles** of dedicated cycling space (conventional and protected bicycle lanes) installed since start of Vision Zero
- In 2017, **more than 66 miles** of dedicated cycling space (conventional and protected bicycle lanes) installed, more than **double** the pre-VZ annual average



Speed Bumps

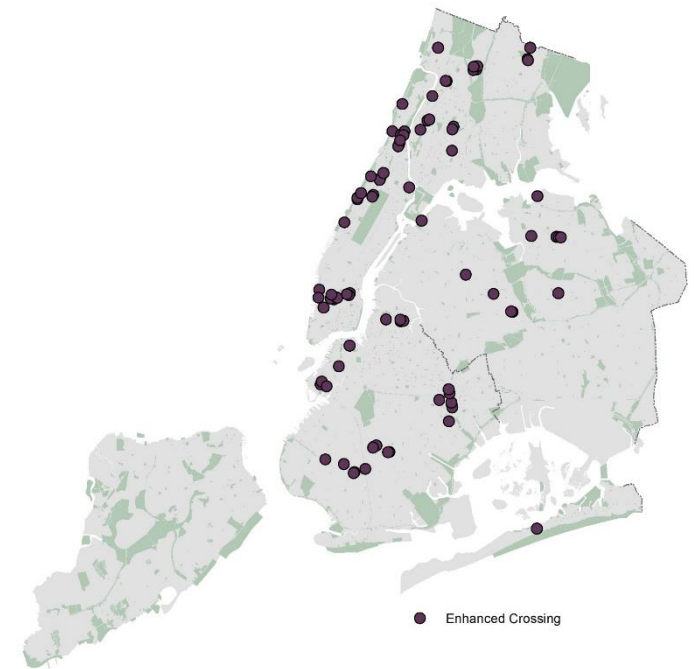
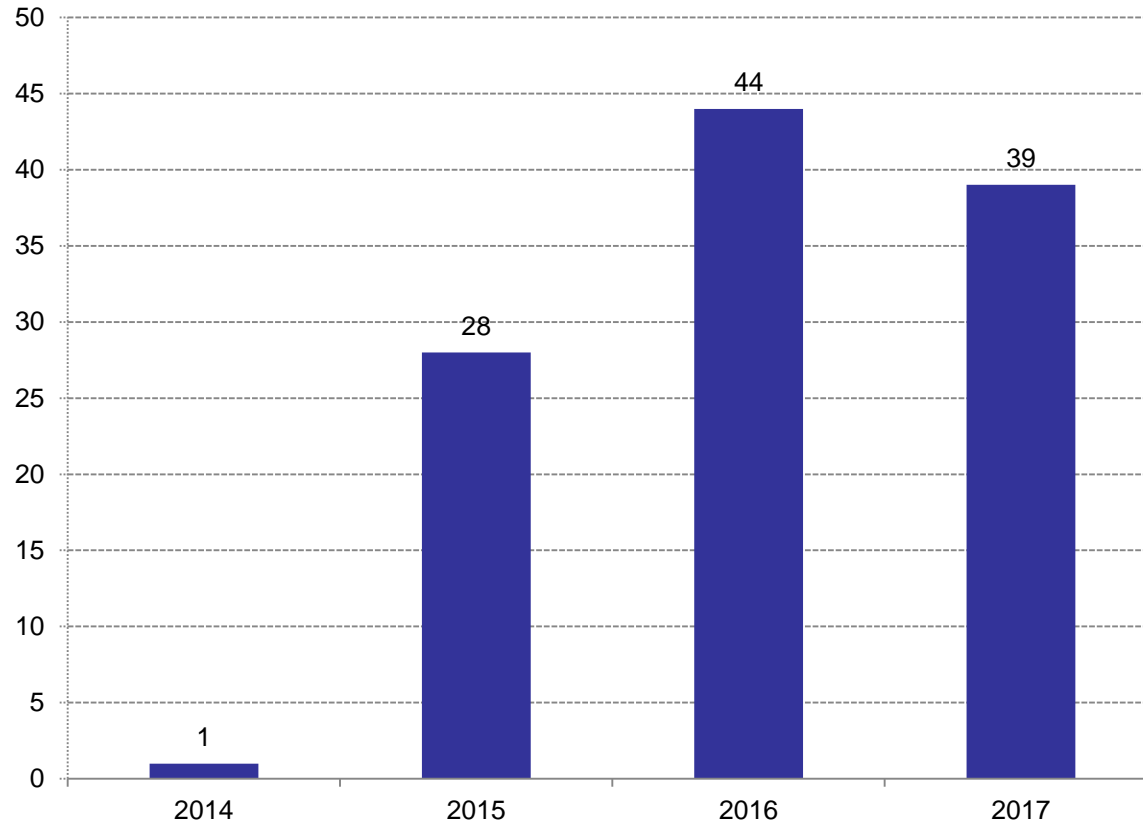
Installs Before & After Vision Zero

- Over **1,500** new speed bumps since the start of Vision Zero
- Nearly **400** new in 2017, more than **double** the pre-VZ annual average
- Over **460** new speed bumps installed in Priority Areas since start of Vision Zero



Enhanced Crossings Since Vision Zero

- Over 110 intersections received a treatment since the start of Vision Zero
- Treatments installed at 39 intersections in 2017
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Bus Safety & Operations

- 13 projects implemented in 2017 that enhance bus safety & operations (23 in 2016)
- 212 Leading Pedestrian Intervals (LPis) installed at bus turn locations (174 since start of Vision Zero, 55 in 2017)

Completed 2017 Projects

1. 11th Ave, 34th St to 37th St
2. 79th St, Riverside Dr to East End Ave (M79 SBS)
3. E 177 St and Brush Ave
4. Flatbush Ave and Church Ave
5. Ft Independence St and Heath Ave
6. Kings Hwy at 27th St, and at Nostrand Ave
7. Kings Hwy/Fraser Sq
8. Main St, 38th Ave to 40th Rd
9. Main St, 39th Ave
10. Union Turnpike and Forest View Crescent
11. Union Turnpike and Woodhaven Blvd
12. W 155th St, E 161st St, E 163rd St (Bx6 SBS)
13. Woodhaven Blvd and Cross Bay Blvd (Q52/Q53 SBS)





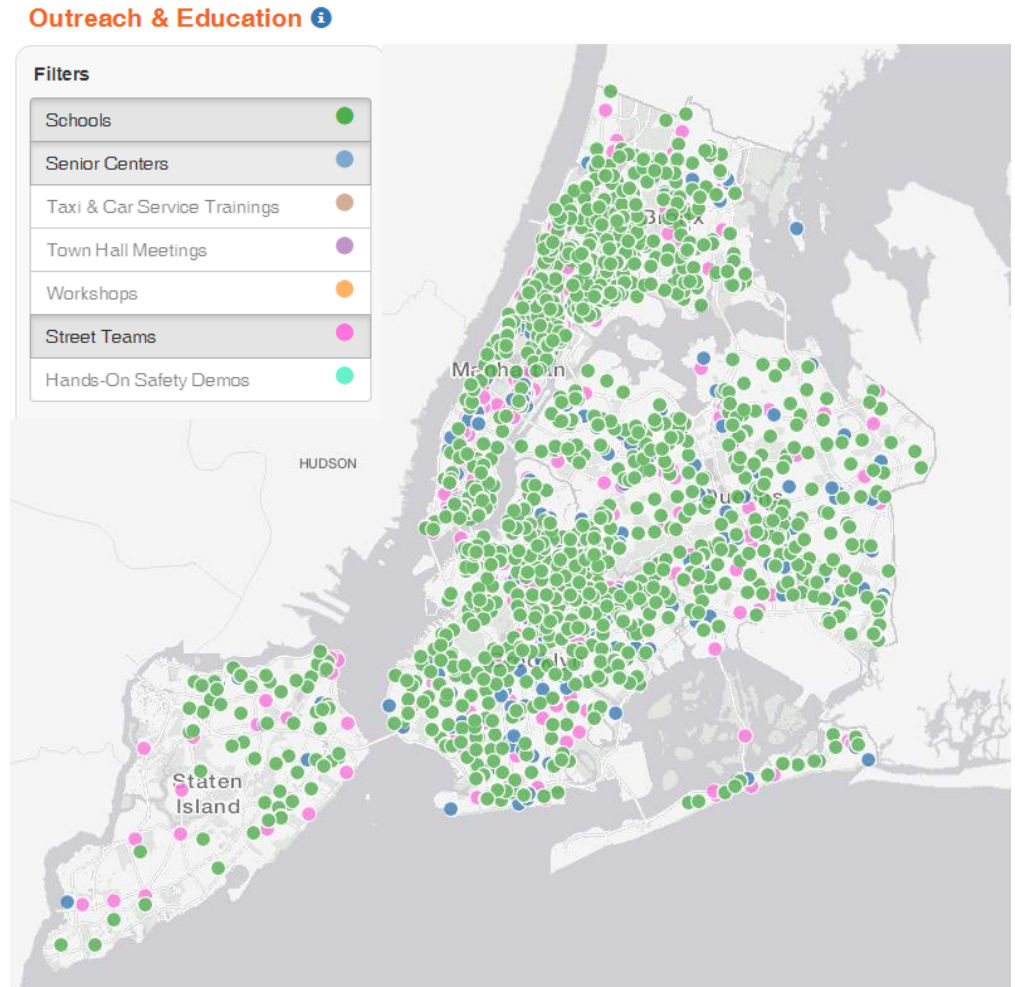
DOT & NYPD

Accomplishments

Safety Education

Safety Education Since Vision Zero

- NYPD & DOT Street Teams visited over **500** Priority Locations since start of Vision Zero (nearly **2 million** flyers distributed)
- More than **140** Priority Locations visited in 2017 (over **290,000** flyers distributed)
- DOT Safety Education visited over **1,300** schools at Priority Locations since start of Vision Zero
- More than **300** schools in Priority Locations visited in 2017
- DOT Safety Education visited nearly **300** senior centers at Priority Locations since start of Vision Zero
- More than **90** senior centers in Priority Locations visited in 2017





DOT & NYPD

Accomplishments

Public Awareness Campaigns

“Your Choices Matter”

- Driver behavior and comprehension continues to trend upward directionally
- Awareness and support of Vision Zero remains at a high level
- Performance on key metrics is statistically consistent year over year

Speeding is a leading cause of traffic deaths.

**Slow down.
Your choices matter.**

VISION ZERO
BE IT. DRIVE. NEVER.



An annual performance study tracked the impact of the “Your Choices Matter” advertising campaign across key metrics.

Select Metrics, 2015-2017, Among Drivers:

- Awareness of Vision Zero: 2015 – 62%, 2016 – 76%, **2017 – 71%**
- Support of Vision Zero as a valuable government program: 2015 – 78%, 2016 – 82%, **2017 – 82%**
- Correctly identifies the speed limit: 2015 – 49%, 2016 – 54%, **2017 – 55%**
- Comprehends drivers must yield to pedestrians in the cross walk: 2015 – 91%, 2016 – 87%, **2017 – 86%**
- Comprehends drivers’ behaviors are primary factors in fatalities: 2015 – 79%, 2016 – 82%, **2017 – 83%**
- Will pay more attention to pedestrians and cyclists: 2015 – 83%, 2016 – 82%, **2017 – 84%**
- Will give more thought to speed approaching crosswalks: 2015 – 81%, 2016 – 76%, **2017 – 80%**
- Campaign encouraged me to be a more responsible driver: 2015 – 79%, 2016 – 79%, **2017 – 81%**

“Signs”

- In October 2017, the City introduced the new Vision Zero campaign “Signs”
 - “Signs” outperformed other concepts across nearly every metric, including affinity and encouraging speed limit and turning compliance
 - “Signs” depicts situations drivers encounter every day, both from the perspective of a driver and a pedestrian
 - “Signs” imagery simply and clearly explains what is needed to save lives – slowing down, paying attention and giving right of way
 - The phrasing “saving a life is easy” was the most resonant language tested due to clarity and conciseness. The message is also seen as highly believable and fits what drivers know about Vision Zero



Woodhaven Boulevard

Q52/Q53 SBS

Queens, 2017



Queens Blvd (Eliot Ave to Yellowstone Blvd) Corridor Safety Improvements Queens, 2017



MLK Blvd

Pedestrian Safety Improvements

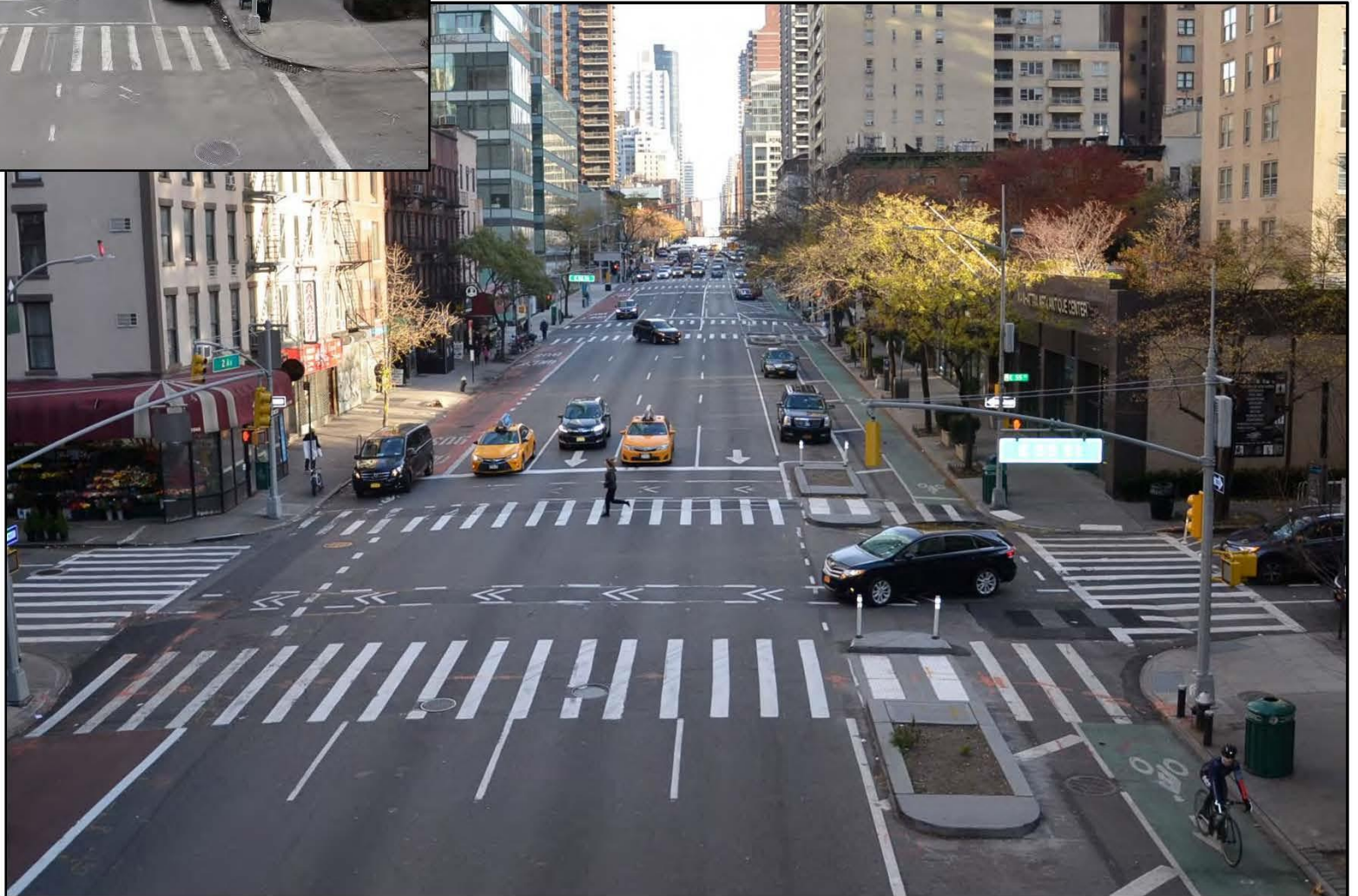
Bronx, 2017



2nd Ave, 59 – 43 St

Parking Protected Bicycle Lane

Manhattan, 2017

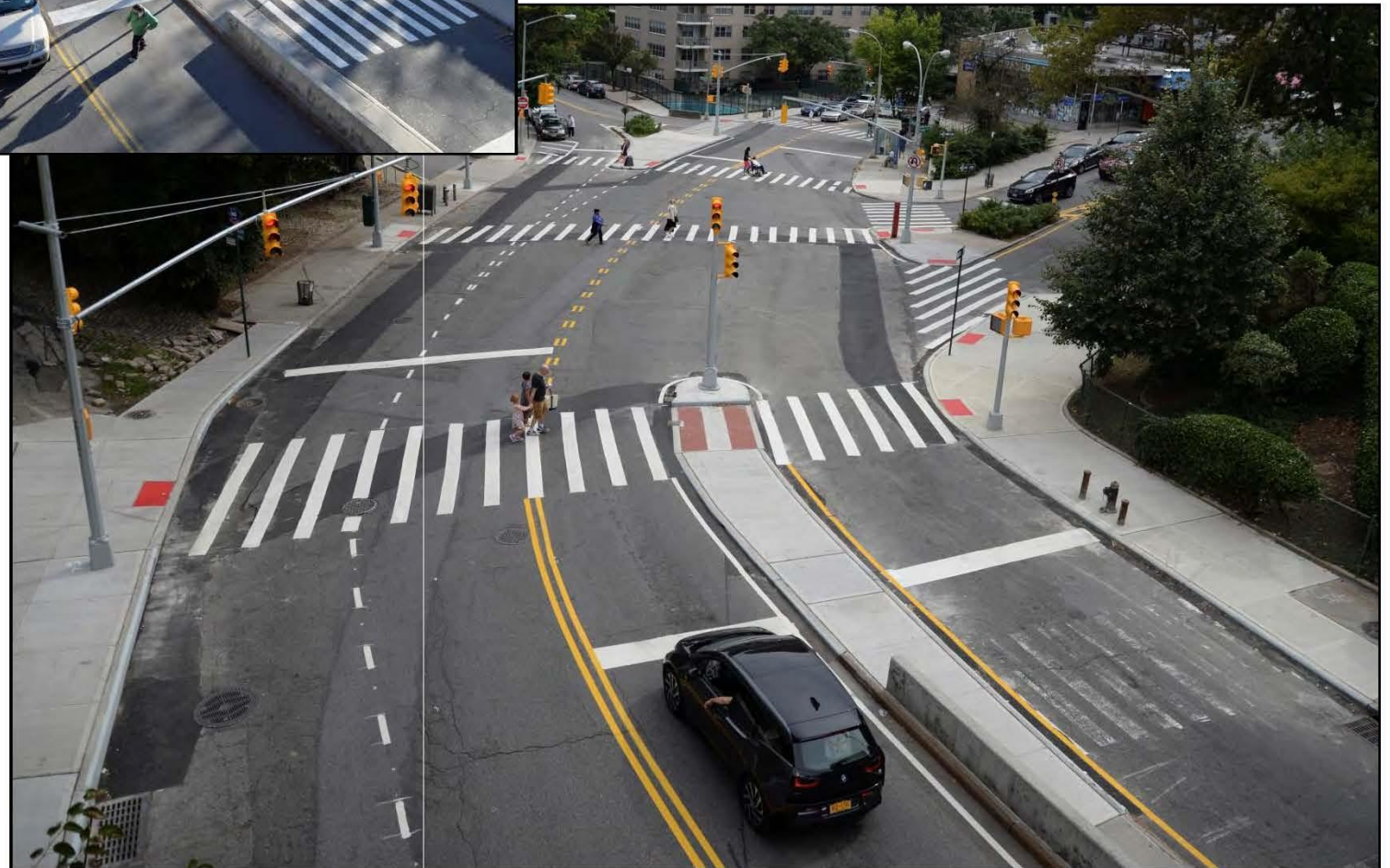


137th St and Leavitt St Raised Crosswalk

Queens, 2017



Kappock St Pedestrian Safety Improvements Bronx, 2017





Broadway, 23rd St to 26th St
Flatiron Plaza and Shared Street
Manhattan, 2017

Hoyt Ave North

Two-way Protected Bike Lane

Queens, 2017



Avenue C + McDonald

Avenue C Plaza

Brooklyn, 2017





111th St, 108th St

Road Diet, Pedestrian Enhancements and Bicycle Path

Queens, 2017



79th Street

M79 SBS

Manhattan, 2017



Oceania St – 210 St

Corridor Safety Improvements

Queens, 2017

