



MORRIS PARK AVE

2019 Corridor Safety Improvements



PROJECT LOCATION



SAFETY DATA: 2012-2016

- 317 total injuries and 26 people killed or severely injured
- 71 pedestrian injuries and 8 pedestrians killed or severely injured
- 234 motor vehicle occupant injuries and 16 motor vehicle occupants killed or severely injured

Injury Summary, 2012-2016 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	71	8	0	8
Bicyclist	12	2	0	2
Motor Vehicle Occupant	234	16	0	16
Total	317	26	0	26

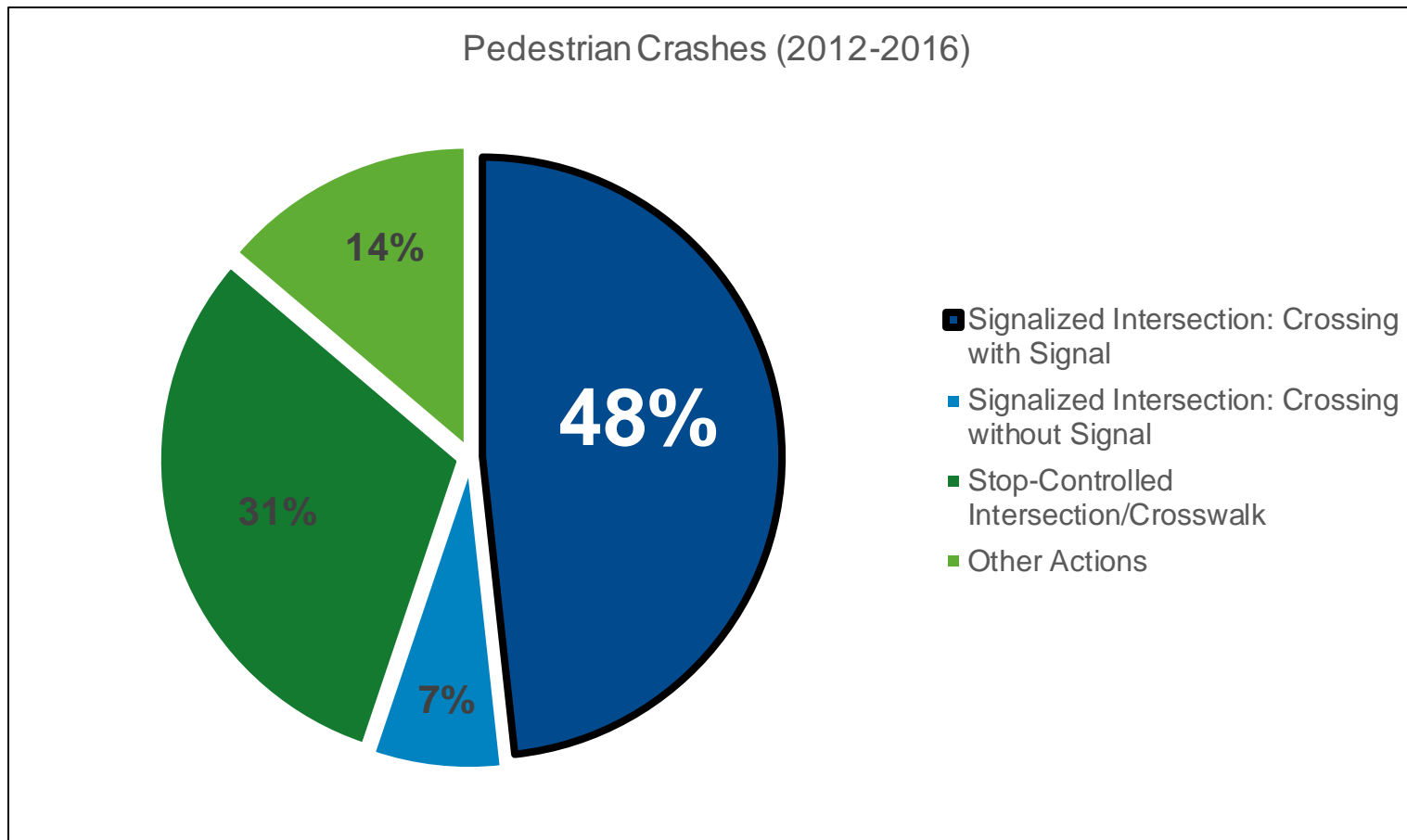
Fatalities, 01/01/2012-1/29/2018 : None

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or Severely Injured



SAFETY DATA: 2012-2016

48% of pedestrian crashes result from a driver's failure to yield



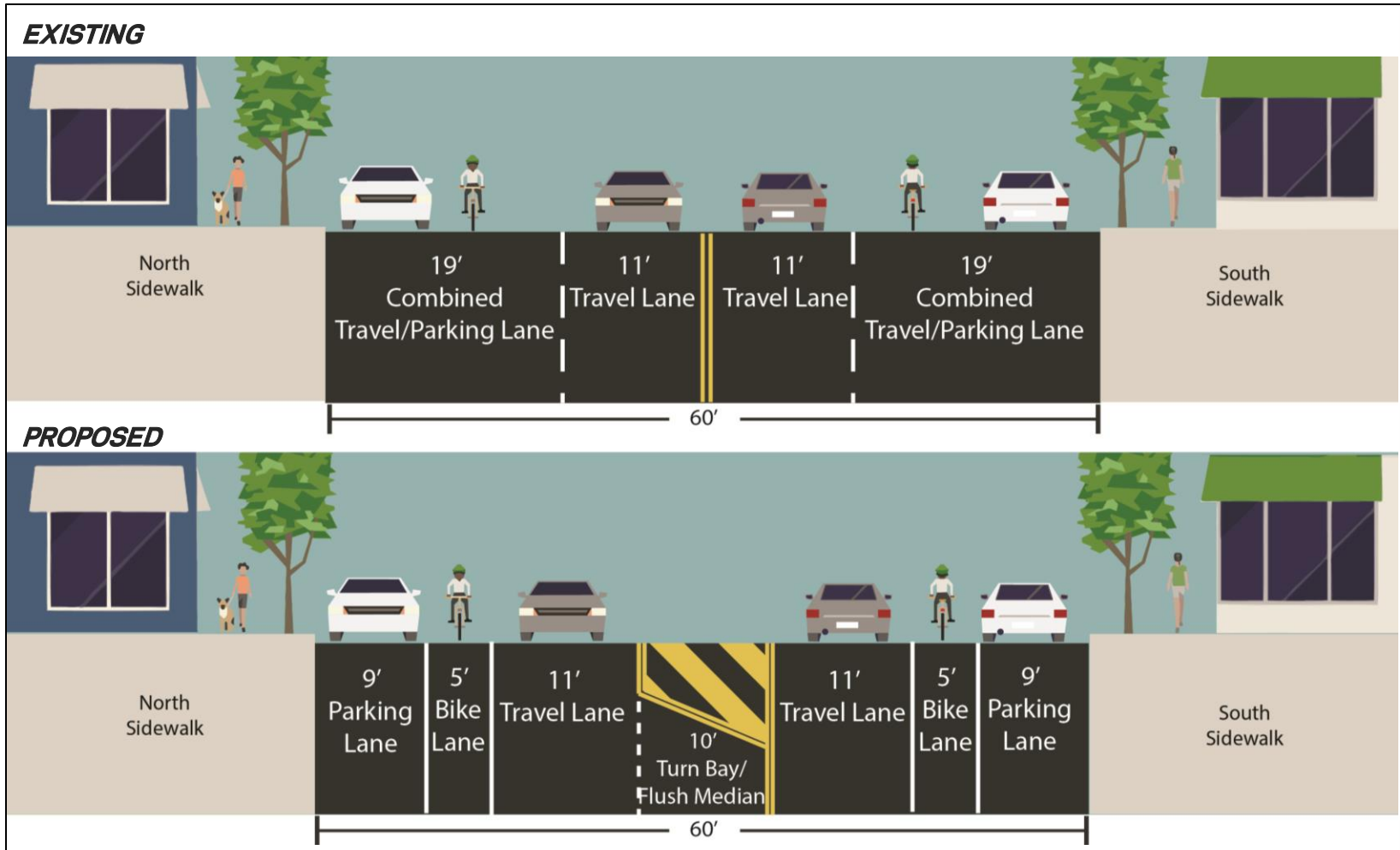
EXISTING CONDITIONS & BEHAVIORS



CORRIDOR PROPOSAL

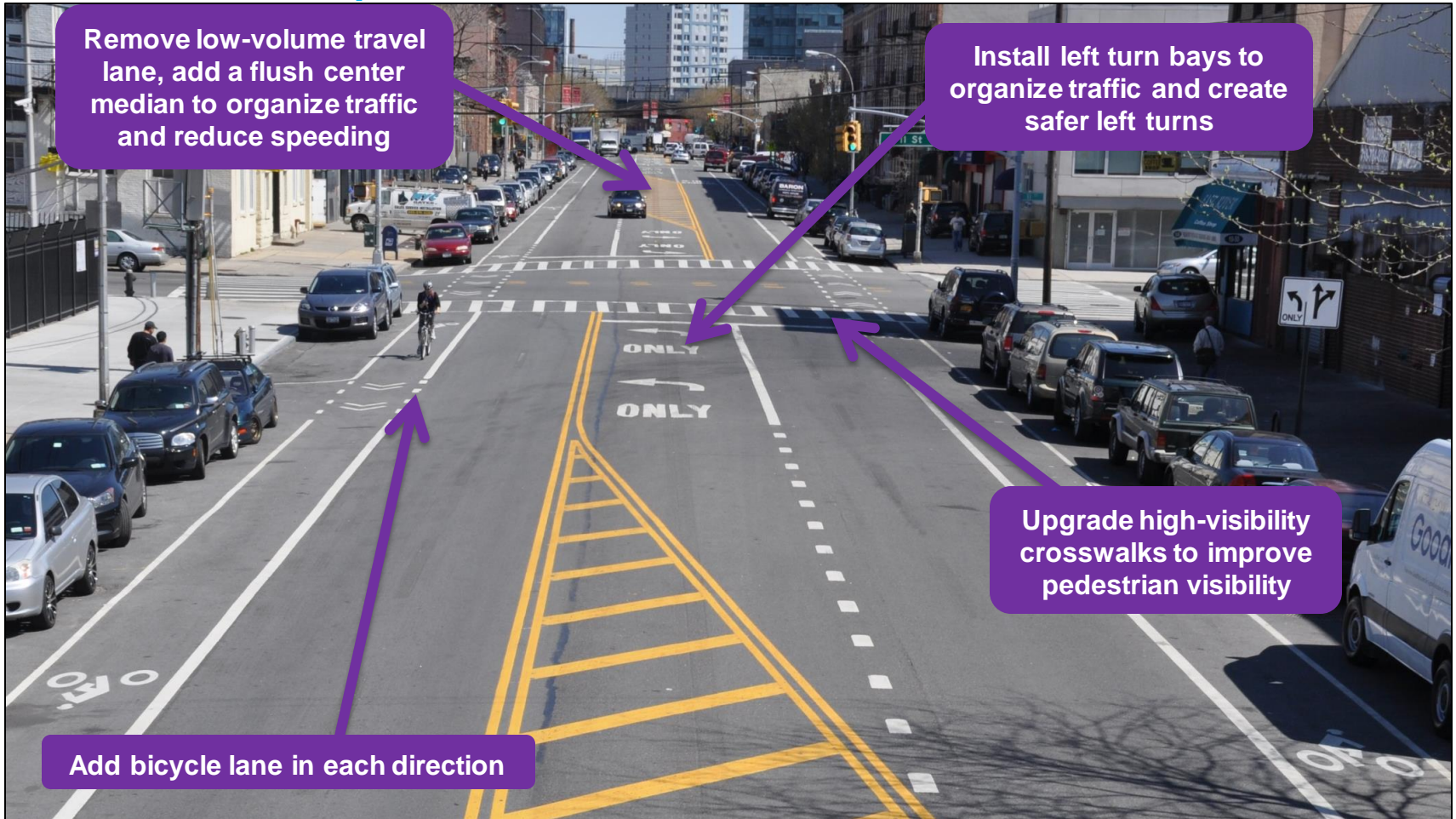
Similar designs resulted in 35-50% decline in total injuries & 30-50% decline in pedestrian injuries (Allerton Ave, Burke Ave)

Melville St to Newport Ave



CORRIDOR PROPOSAL

Melville St to Newport Ave

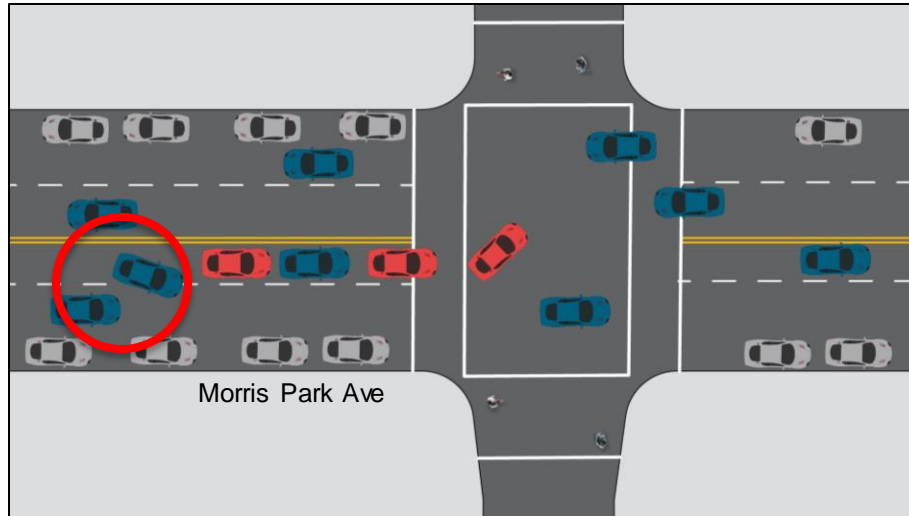


Example of Proposed Treatment: 44th Drive, Queens

CORRIDOR PROPOSAL

Organizing Traffic

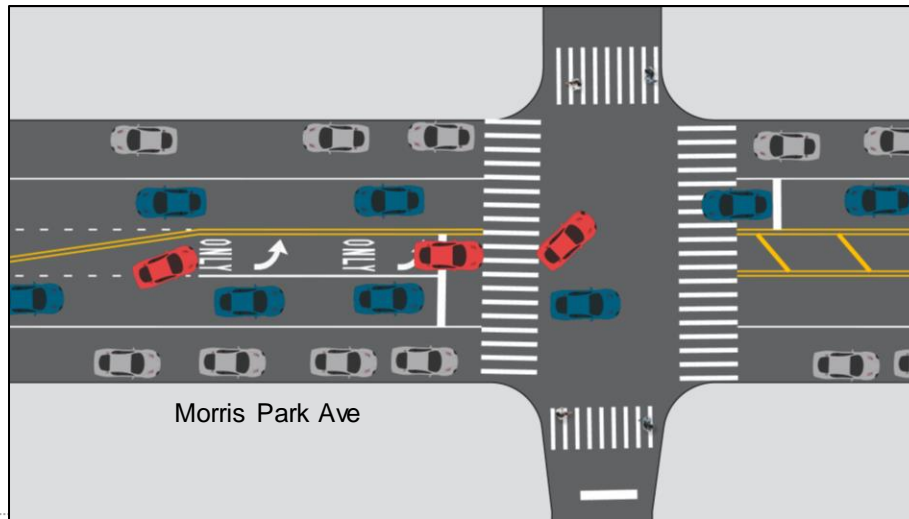
Existing Conditions





Left turning vehicles waiting for a gap in oncoming traffic block vehicles behind them:

- Creates dangerous swerving conditions
- Slows through vehicles

Proposed Conditions



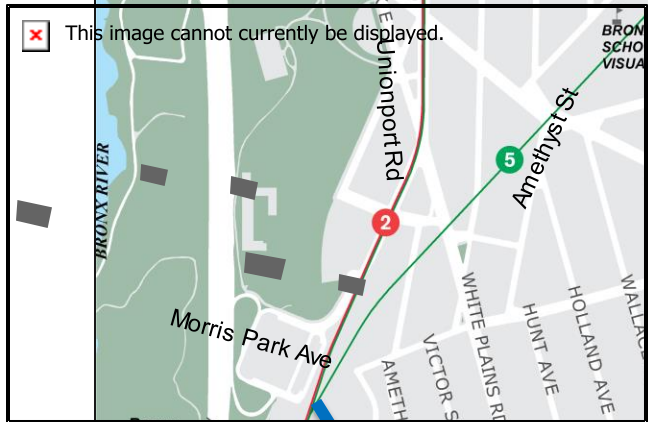
Left turn bays organize traffic by allowing left turning vehicles their own space to wait for a gap in traffic before turning left

-  Left Turning Vehicle
-  Through Vehicle

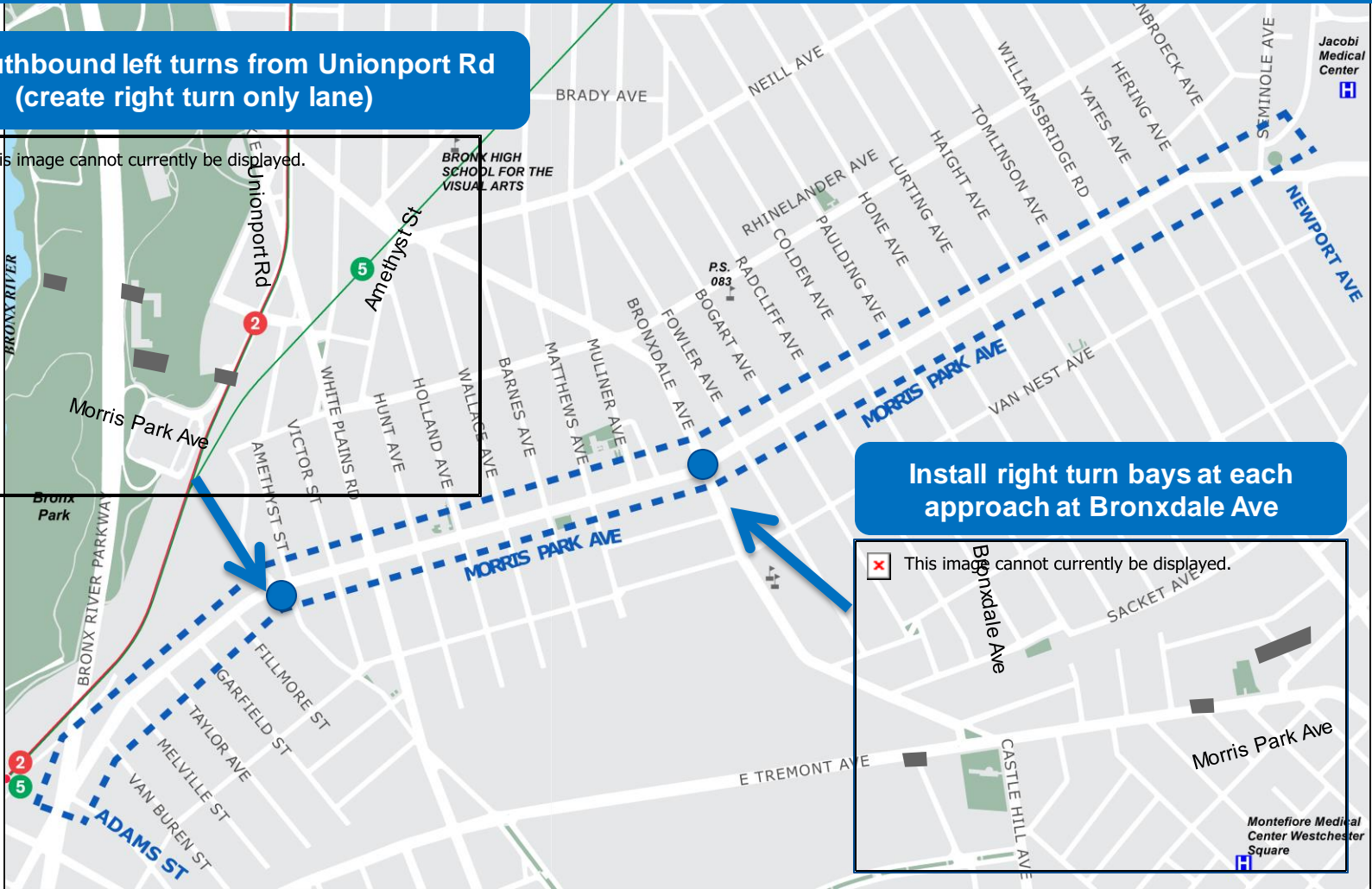
DESIGN SPECIFICS

Ban a left turn at Unionport Rd & accommodate high turning volumes at Bronxdale Ave

Ban southbound left turns from Unionport Rd (create right turn only lane)



Install right turn bays at each approach at Bronxdale Ave



PROJECT OUTREACH

Merchant Surveys

- 111 businesses visited
- 88 surveys completed
- Key Findings:
 - 64% of delivery vehicles typically double-park when accessing businesses
 - Majority of businesses rely on on-street parking for customer access (only 7% have private parking lots)
 - 70% of deliveries take less than 15 minutes
 - 68% of businesses receive deliveries from box trucks

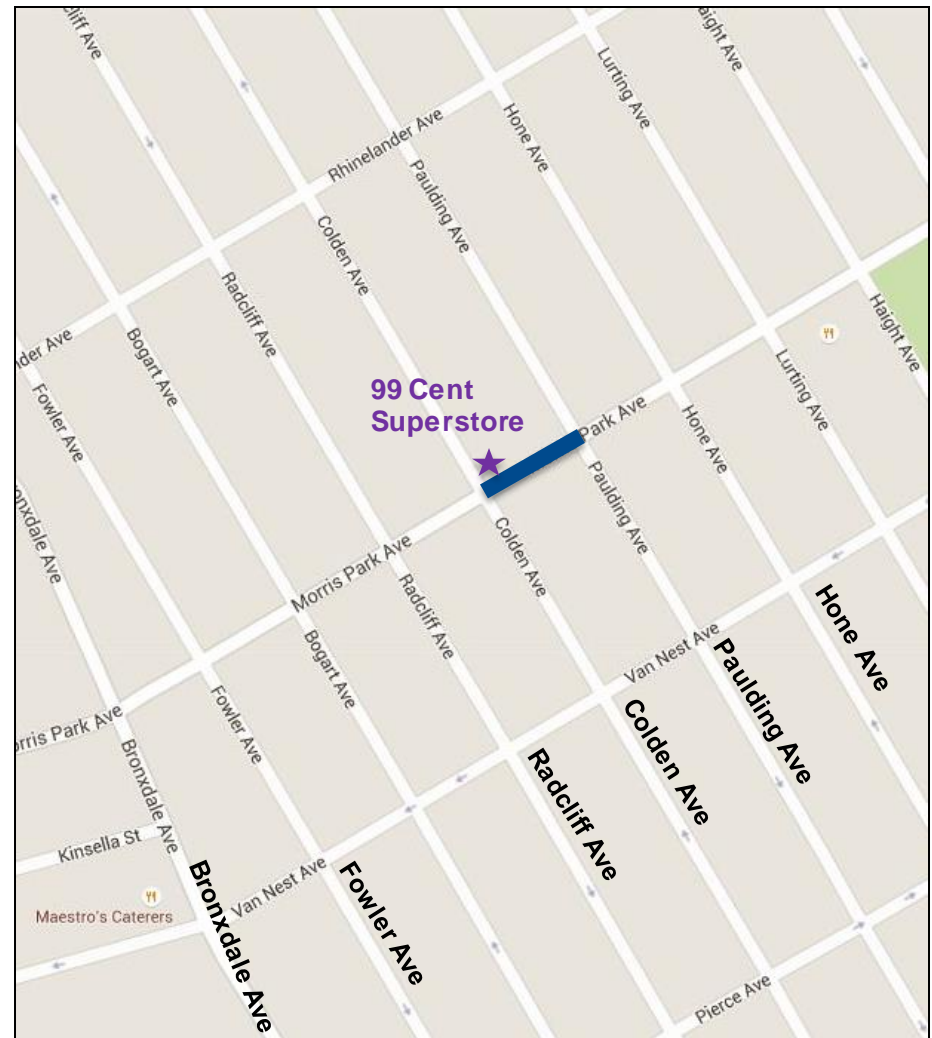


CORRIDOR PROPOSAL DETAILS

Add truck loading zone to address double parking

Location

- Colden Ave – Paulding Ave
 - Morning hours
 - 30' on north curb



BENEFITS OF PROPOSAL

- Proposed design organizes traffic, reduces speeding, and creates safer left turns
- Traffic calming encourages slower speeds 24-hours a day
- Wide parking lane stripe organizes traffic and curbside activity
- High visibility crosswalks make pedestrians more visible to drivers
- Loading zones minimize double parking on a retail corridor



Proposed Conditions: Flush median and turn bay on Bronxwood Ave, Bronx

THANK YOU!

Questions?

Contact: Bronx Borough Commissioner's Office at (212) 748-6680 or kkalb@dot.nyc.gov



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