



BRONXDALE AVE SAFETY IMPROVEMENTS

Bronx Community Board 11

June 4th, 2018



Existing Conditions

1

Safety

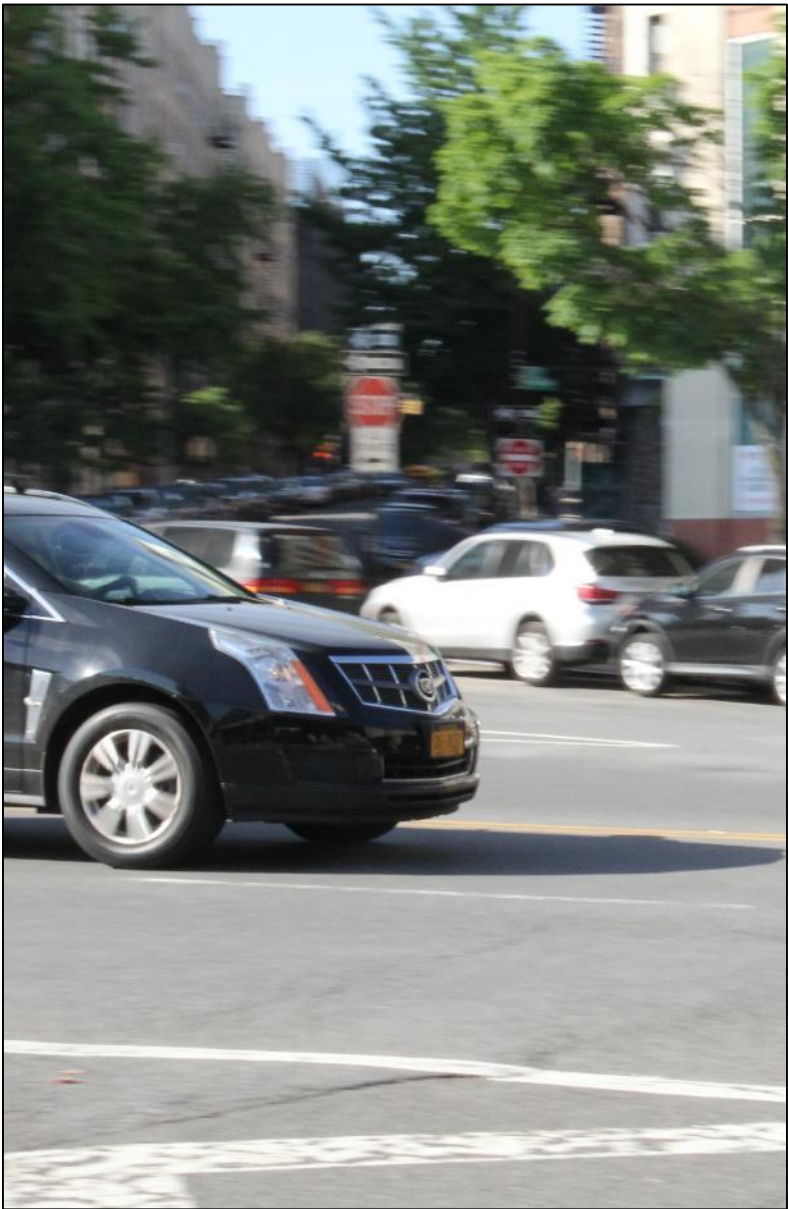
- 167 injuries on Bronxdale Ave between 2012 and 2016
- Excess roadway width and complicated intersections create long, challenging pedestrian crossings

Bronxdale Ave (E Tremont Ave to Bronx Park E, BX)

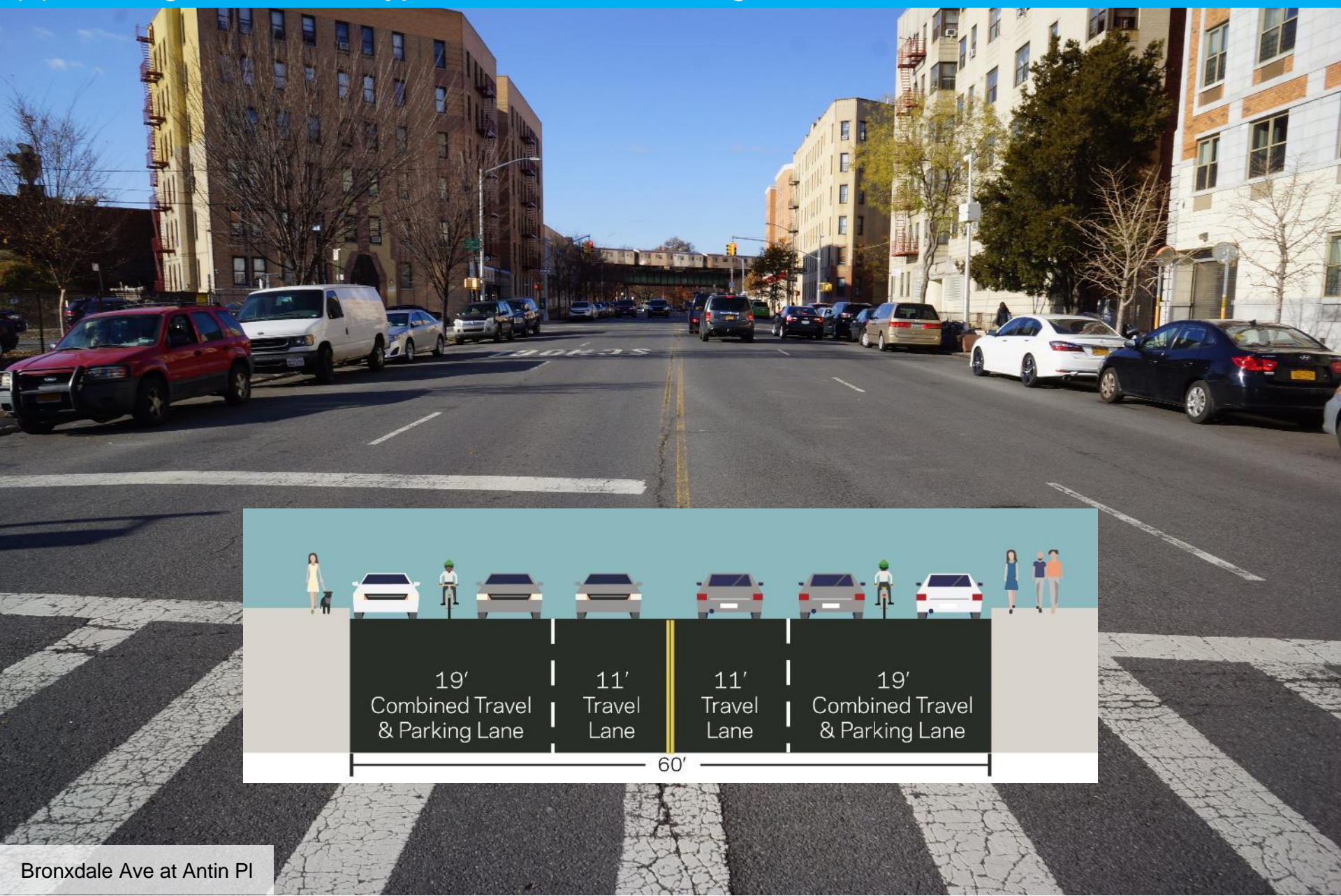
Injury Summary, 2012-2016 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	28	2	1	3
Bicyclists	12	0	0	0
Motor Vehicle Occupant	127	7	0	7
Total	167	9	1	10
Fatalities, 01/01/2012 – 05/21/2018: 1				

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

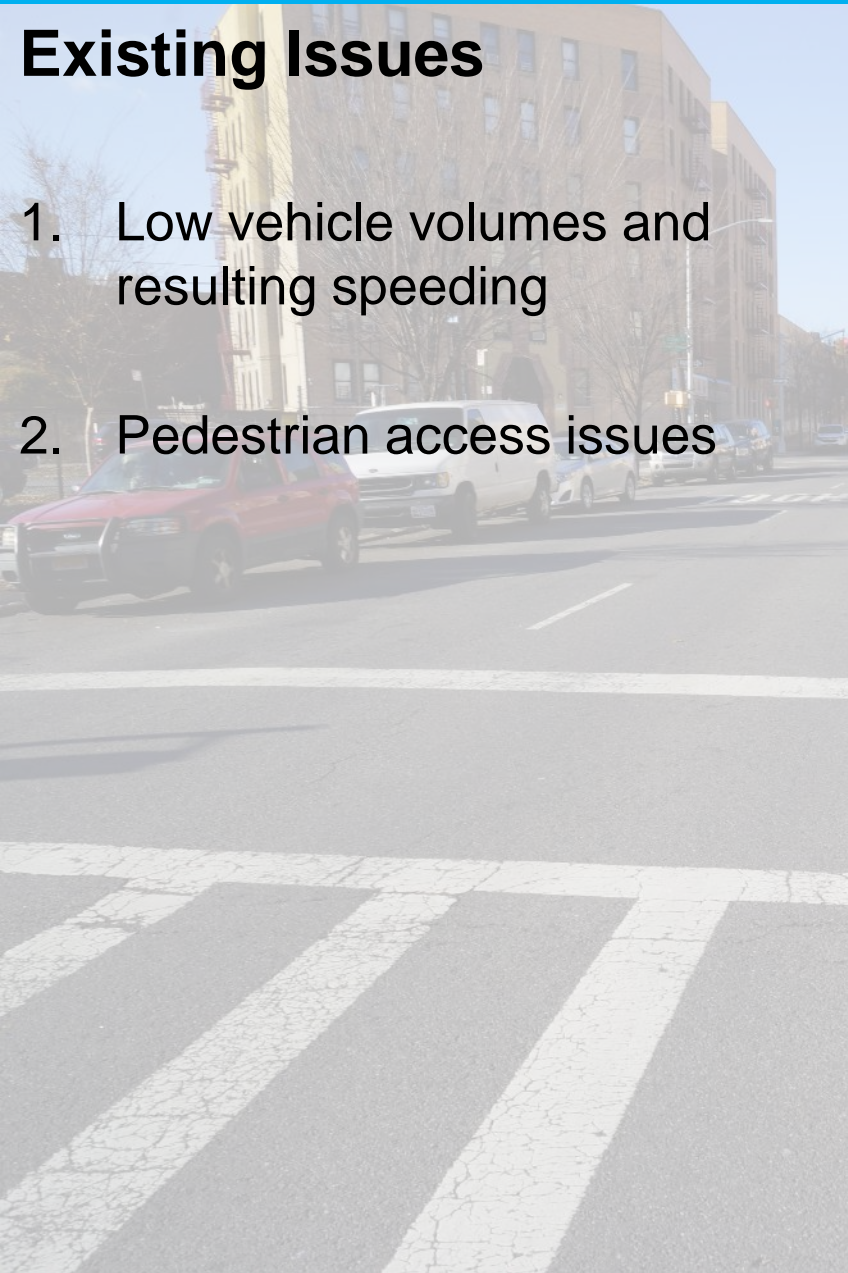


(1) Existing Conditions: Typical Corridor Lane Alignment



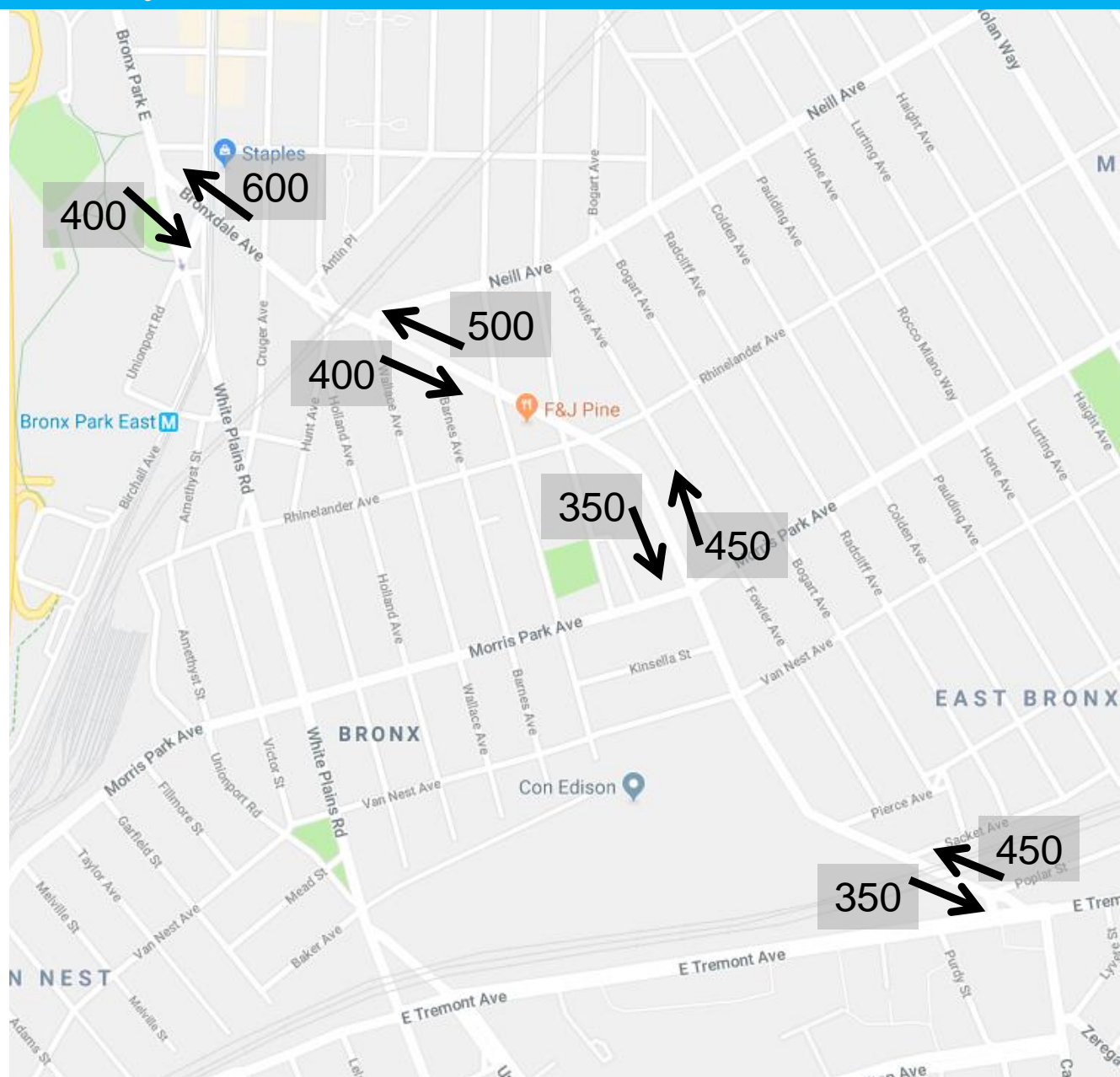
Existing Issues

1. Low vehicle volumes and resulting speeding
2. Pedestrian access issues



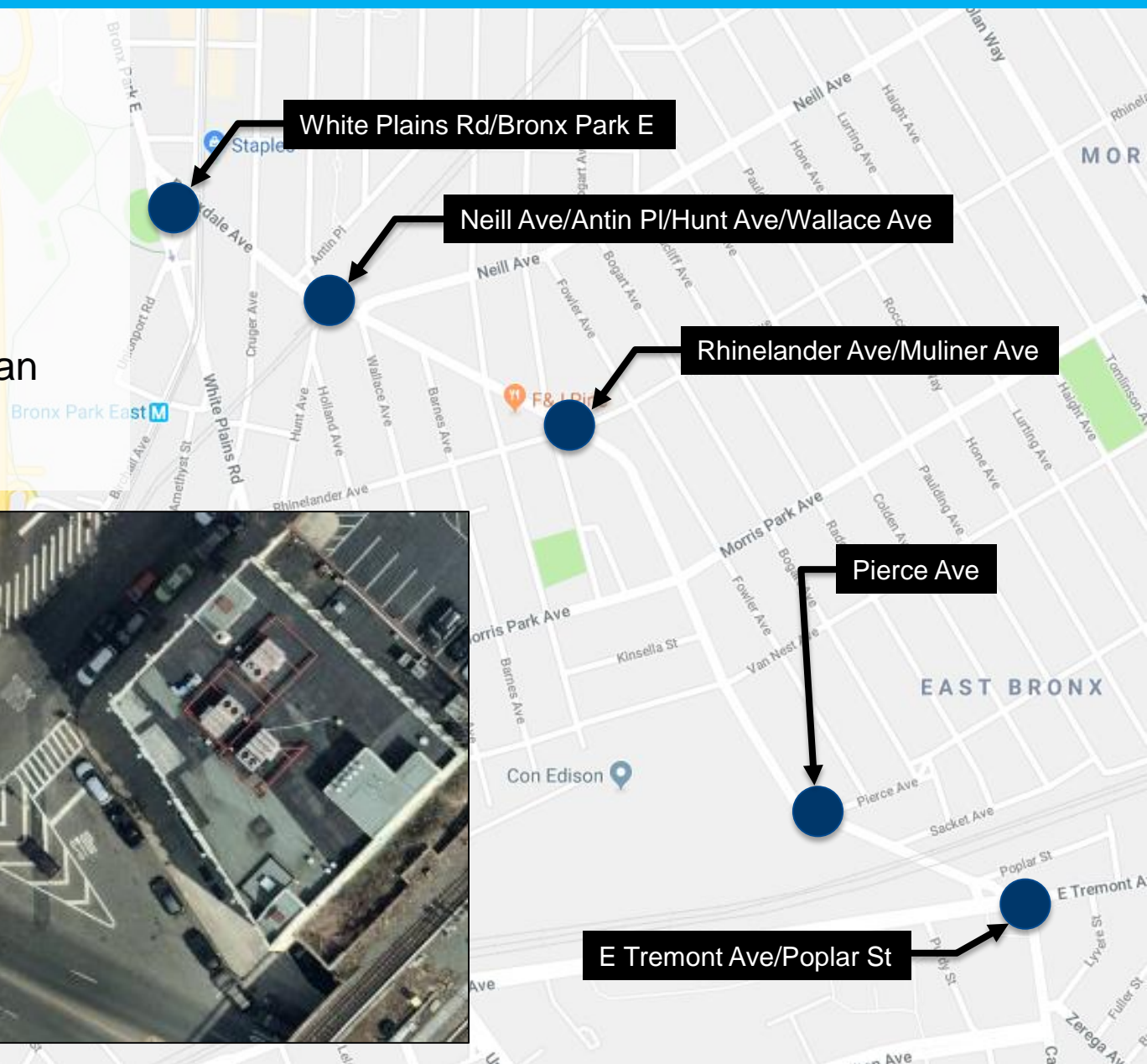
Relatively Low Vehicle Volumes

- Wide street combined with low vehicle volumes encourages speeding
- 84% of vehicles observed were traveling over the speed limit
- 46% observed traveling 5mph+ over the speed limit



(1) Existing Conditions: Pedestrian Access Issues

- Bronxdale Ave is a diagonal street
- Several complex intersections feature challenging pedestrian crossings



Preliminary Proposal and Request for Feedback

2

(2) Preliminary Proposal and Request For Feedback

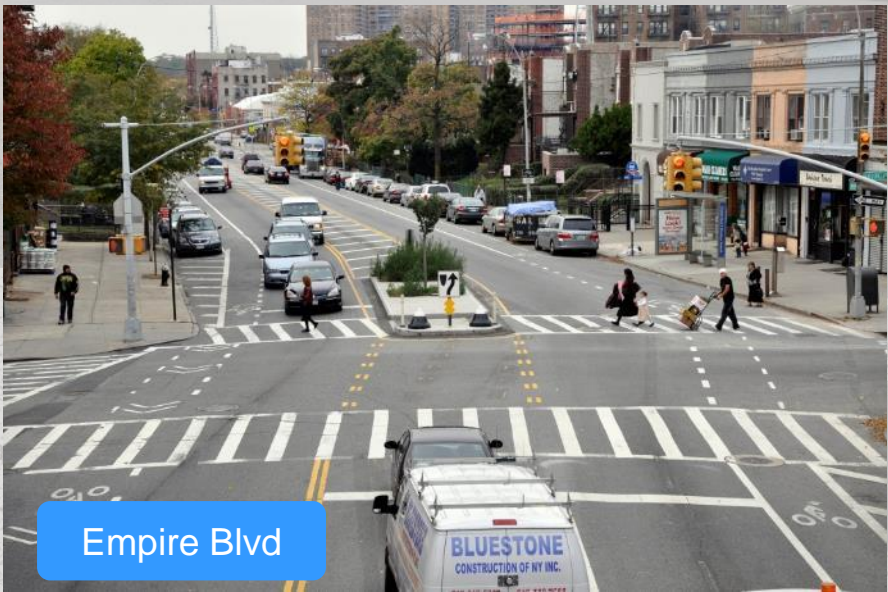


- **Where traffic volumes allow** install one travel lane per direction plus left turn bays and bicycle lanes
- Organize roadway
- Reduce speeding

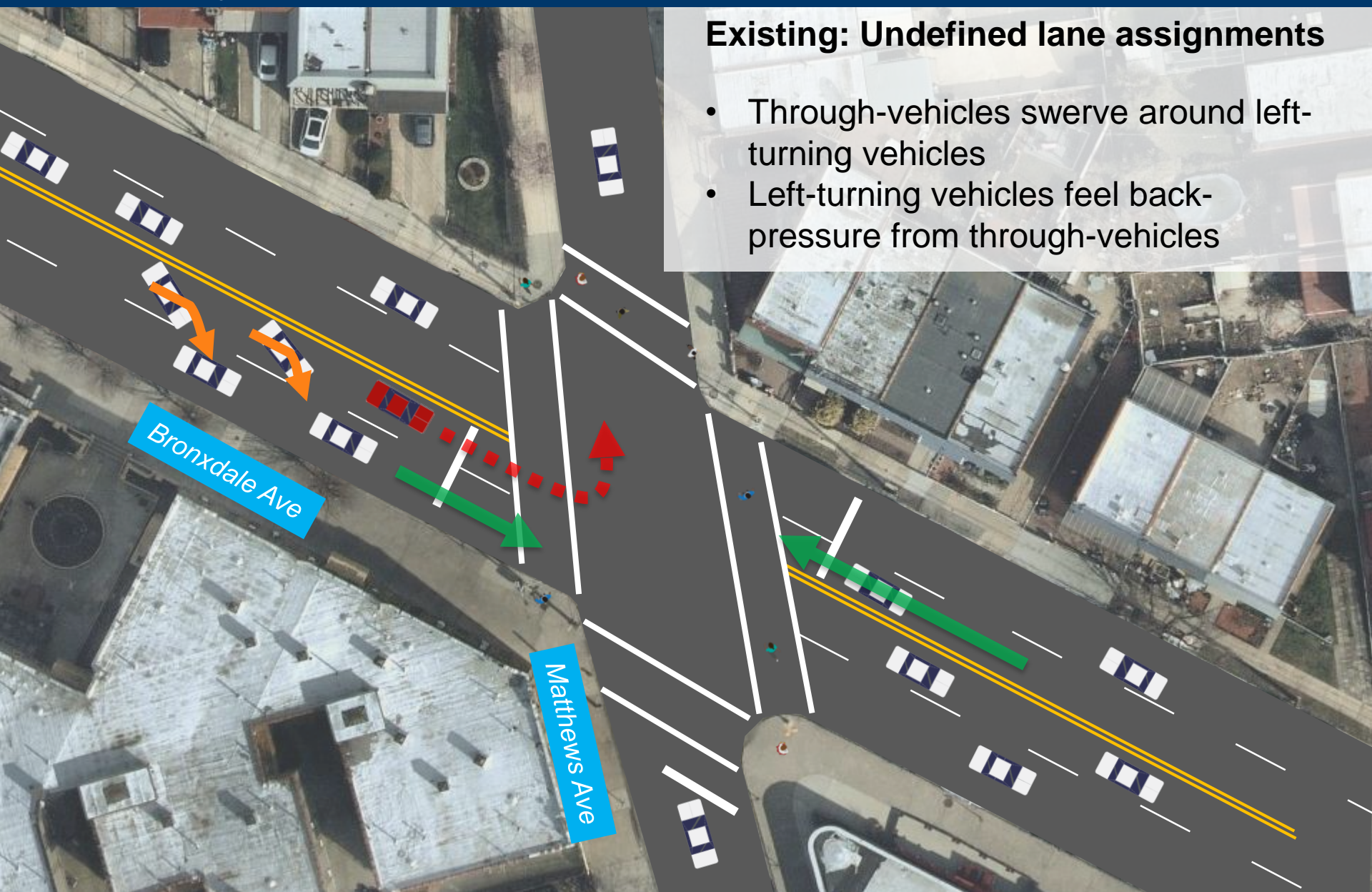
Safety Results from Similar Treatments

Project	Change in Crashes With Injuries
West 6 th Street, BK	-24%
Empire Boulevard, BK	-15%
Allerton Avenue, BX	-28%
Gerritsen Avenue, BK	-40%
Southern Boulevard, BK	-20%
Randall Avenue, BX	-22%
Macombs Road, BX	-44%
White Plains Rd, BX	-27%

Reducing the number of travel lanes and installing bike lanes improves safety for all street users



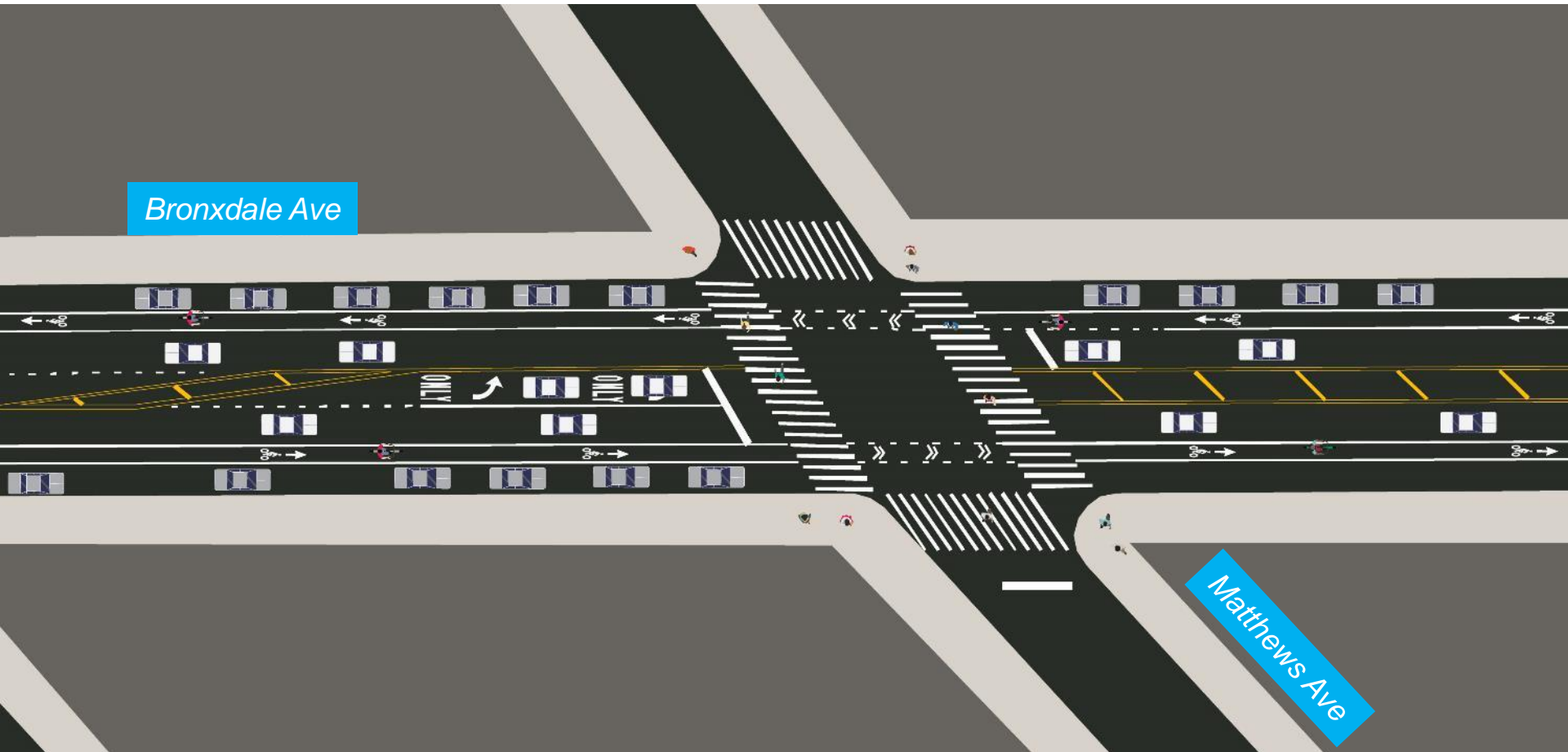
(2) Preliminary Proposal and Request For Feedback



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Proposed:

- Lane assignments better organize roadway
- Discourage speeding

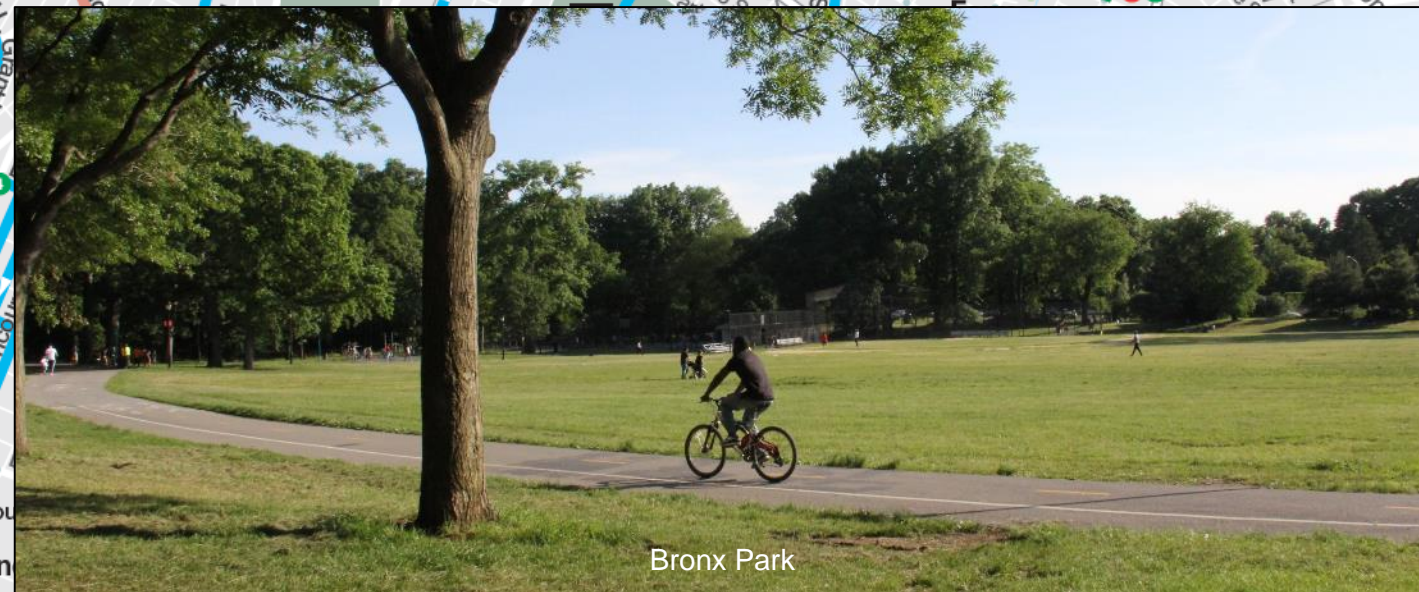


(2) Preliminary Proposal and Request For Feedback

Potential Benefits to Local Bicycle Network

Bicycle lanes on Bronxdale Ave could connect:

- Bronx Park
- Pelham Pkwy Greenway
- Bronx River Greenway
- Castle Hill Ave bicycle lanes



Bike Lane Projects Increase Safety for All Road Users

- **Markings** organize roadway
- **Standard width lanes** discourage speeding
- **Bike lanes** provide dedicated space for cyclists and increase predictability of cyclist location for drivers and pedestrians
- **Upgraded crosswalks** improve visibility and pedestrian safety



Tremont Ave, BX

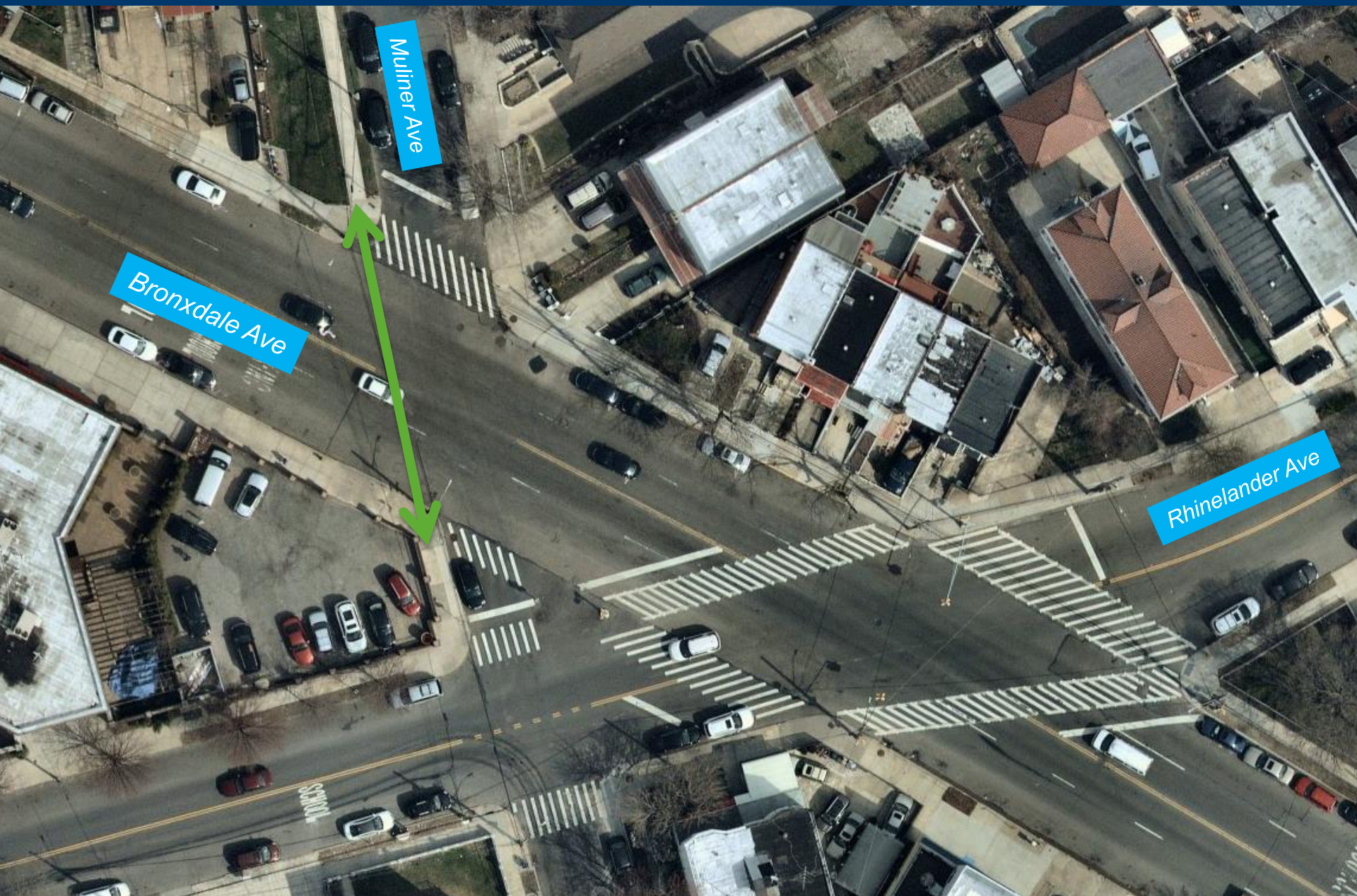
(2) Preliminary Proposal and Request For Feedback



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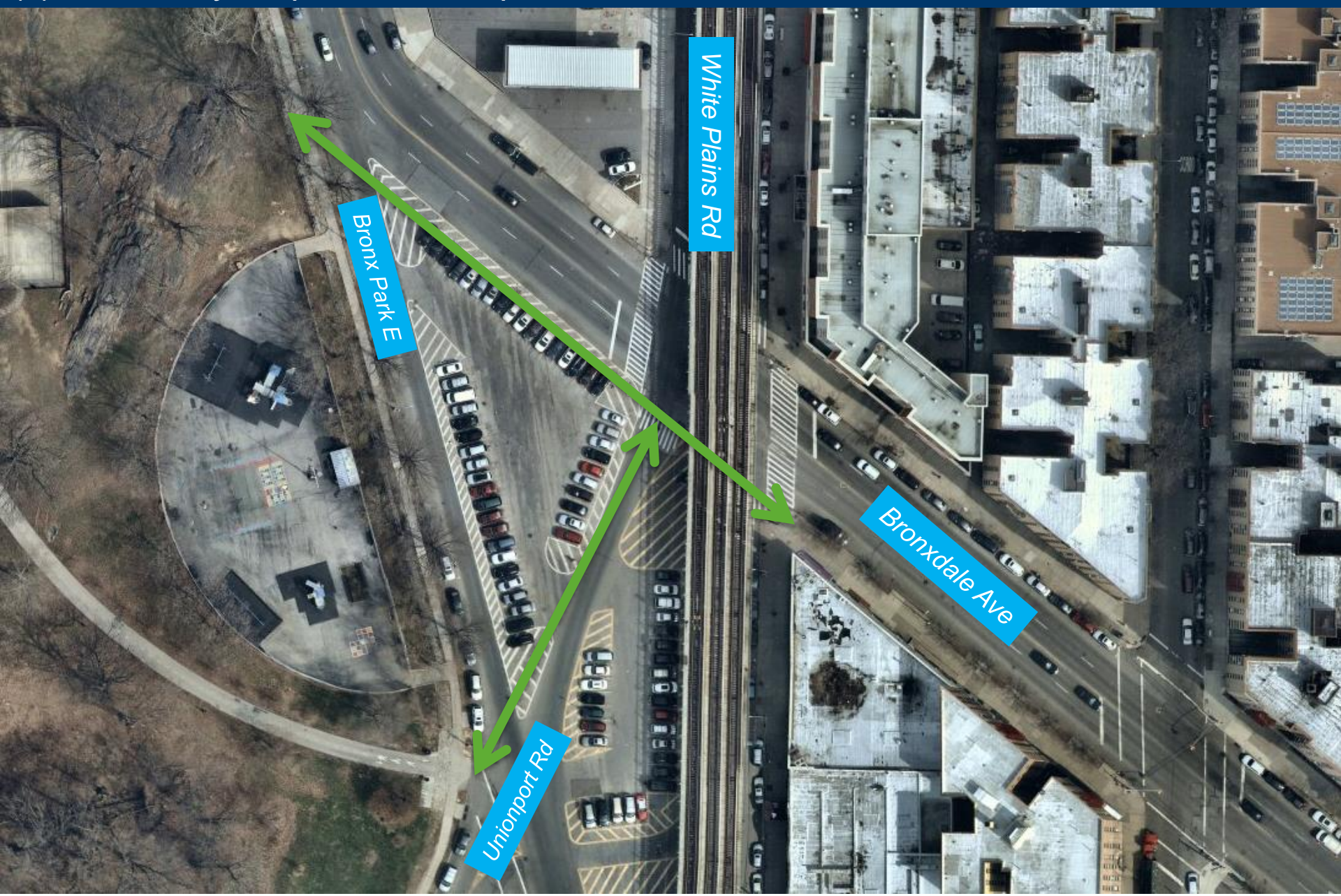


(2) Preliminary Proposal and Request For Feedback



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Gather community feedback about specific issues on the Bronxdale Ave corridor:

- Congestion
- Speeding
- Pedestrians access
- Truck loading
- School loading
- Confusing intersections

Return to Community Board with updated proposal



THANK YOU!

Questions?



NYC DOT



NYC DOT



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NYC DOT