

University Ave Bus Priority Improvements

Bronx Community Board 5 | September 23, 2020



Table of Contents

1. Background
2. University Ave – Existing Conditions
3. University Ave – Planned Treatments
4. Next Steps

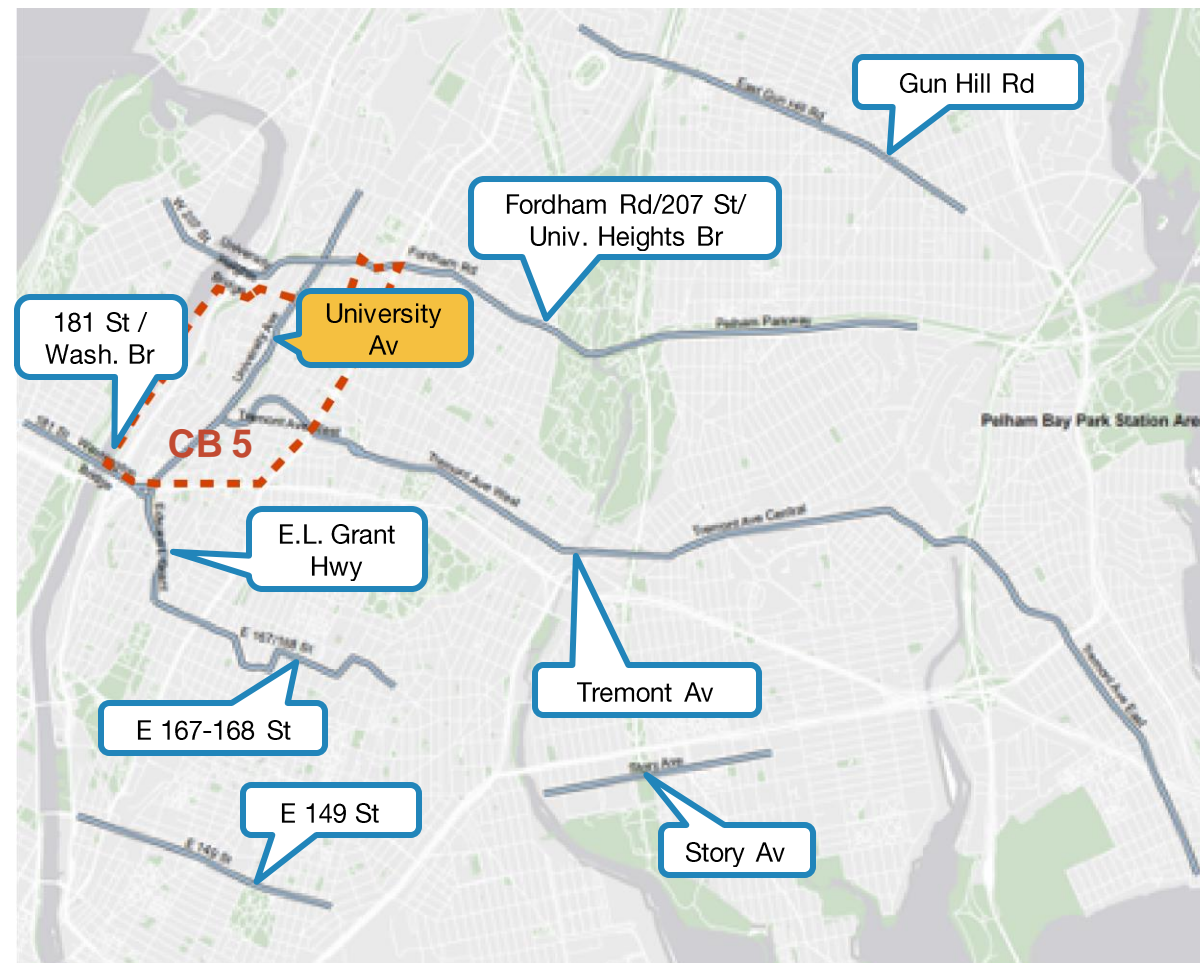
Background

Better Buses Action Plan

- Improve bus speeds by 25%
- Install 10-15 miles of new bus lanes per year
- Improve 5 miles of existing bus lanes per year
- Support MTA Bus Network Redesign efforts with borough bus priority plans



Bus Priority Corridors



- NYC DOT analyzed Bronx corridors to determine where bus lanes and other bus priority are most needed
- University Ave was ranked high as a bus priority corridor due to:
 - High ridership & high volume of buses
 - Slow and unreliable bus service
 - Important cross-borough connections

Outreach

Community Engagement to Date

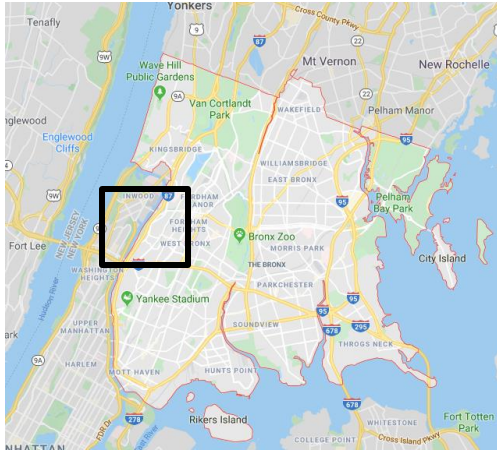
- MTA Bronx Bus Redesign / NYC DOT Better Buses
 - **November 13, 2019:** Presentation to Community Board 5 on identified issues along University Ave
- Community Board Presentations
 - **December 3, 2019:** Presentation to Community Board 5, Municipal Services Committee, concerning data analysis and draft designs
 - **June 19, 2020:** Presentation to Community Board 5 District Manager, provide updated designs and timeline

University Ave

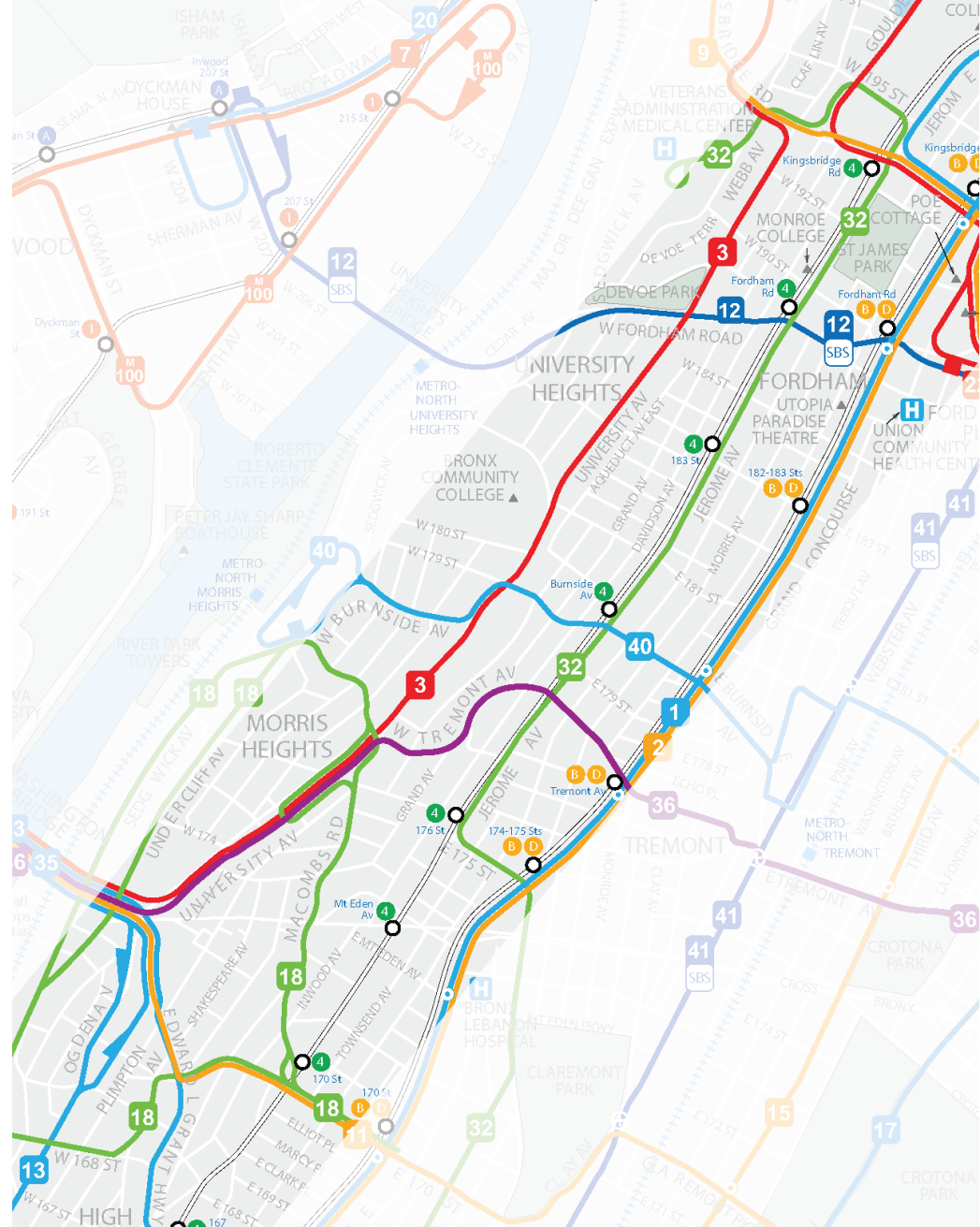
Existing Conditions

University Ave

Kingsbridge Rd to Washington Bridge

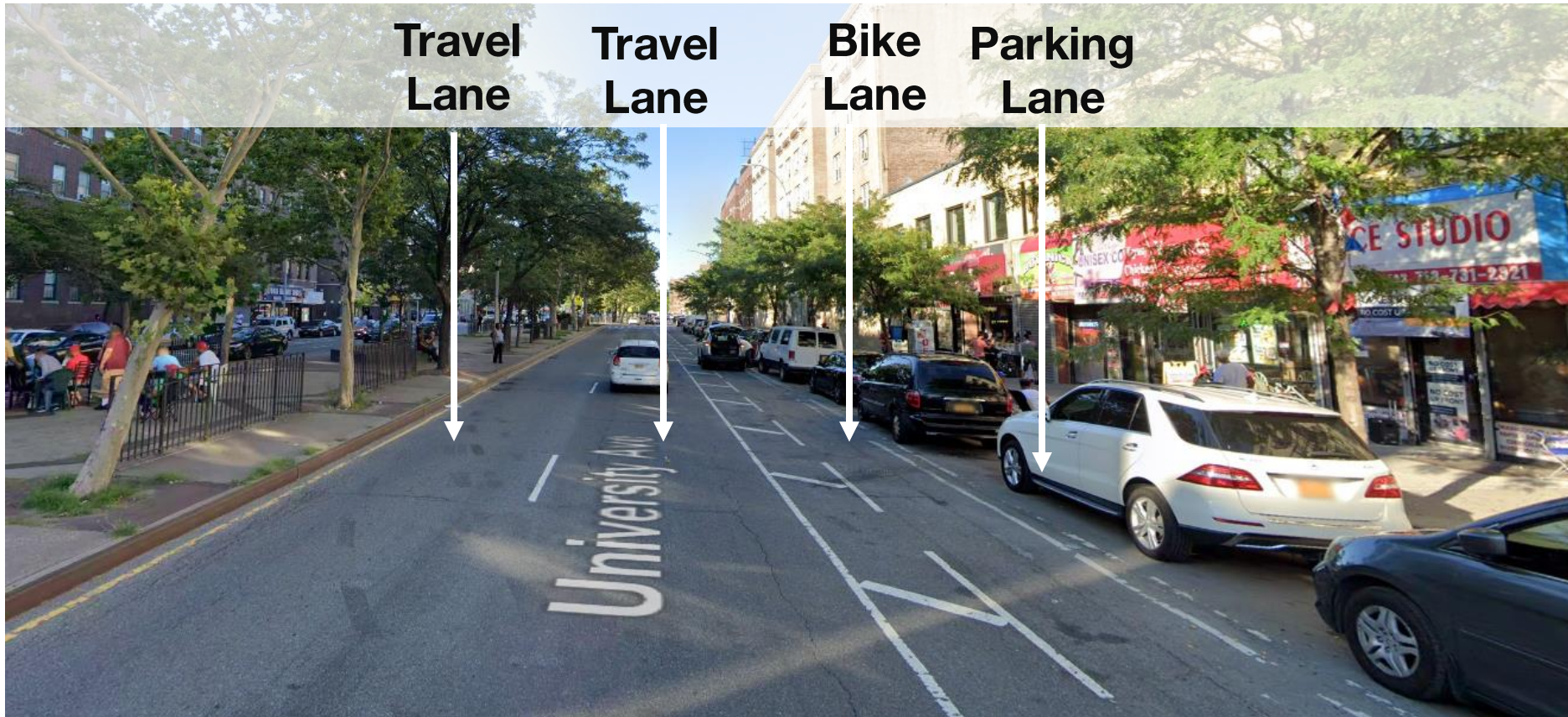


- **Routes:** Bx3, Bx36 (Local + LTD)
- **Combined average weekday ridership:**
 - 34,000 passengers (pre-COVID)
- **Average bus speeds:**
 - 4-7 mph
- Falls within a **Vision Zero Priority Area**
- **Key issues:** Slow bus speeds, unreliable service due to congestion and double parking, long intersections without pedestrian access



Current Conditions

University Ave, South of Tremont Ave

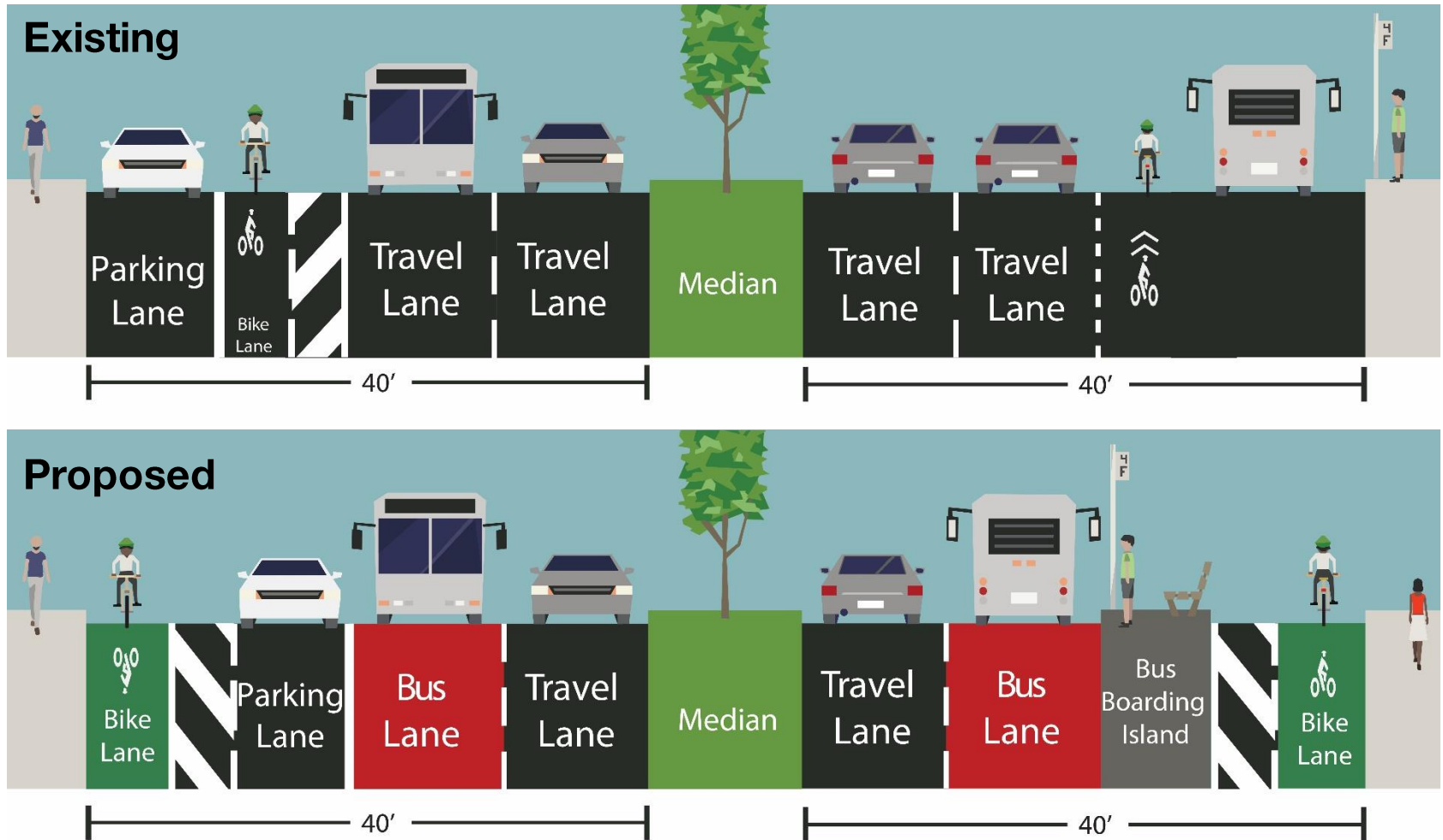


University Ave

Planned Treatments

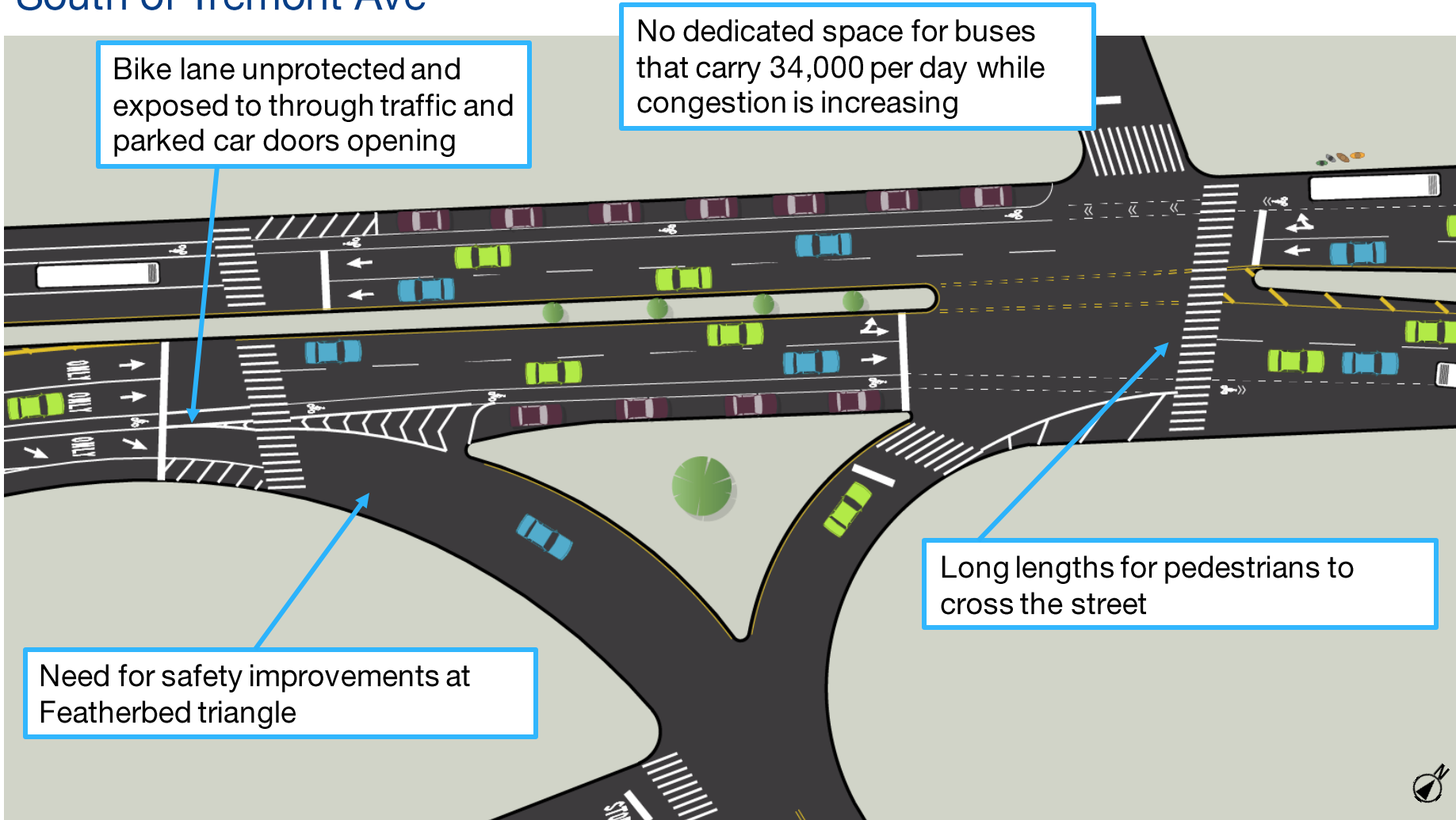
Planned Treatments: University Ave

South of Tremont Ave



Planned Treatments: University Ave

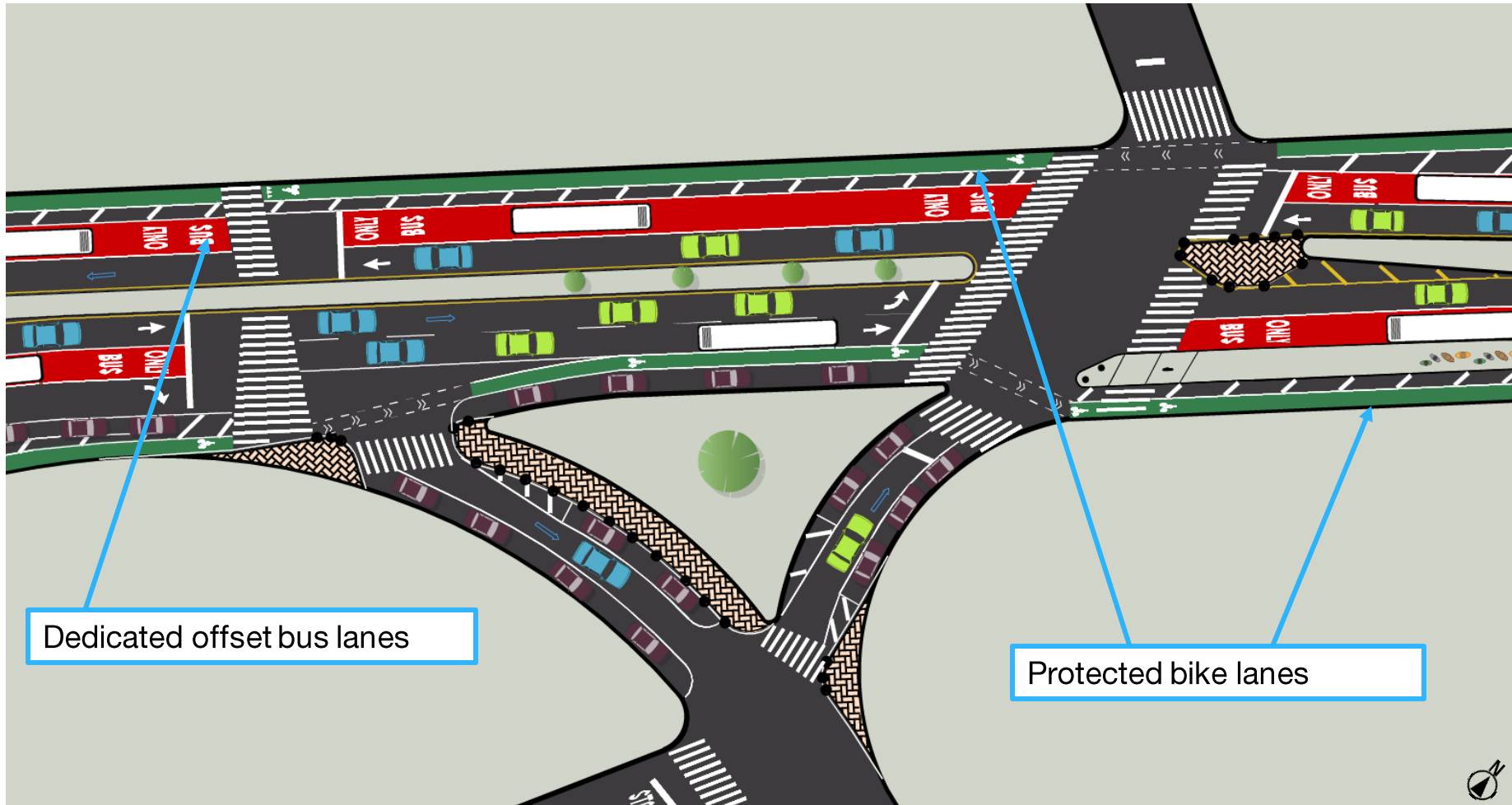
South of Tremont Ave



Existing

Planned Treatments: University Ave

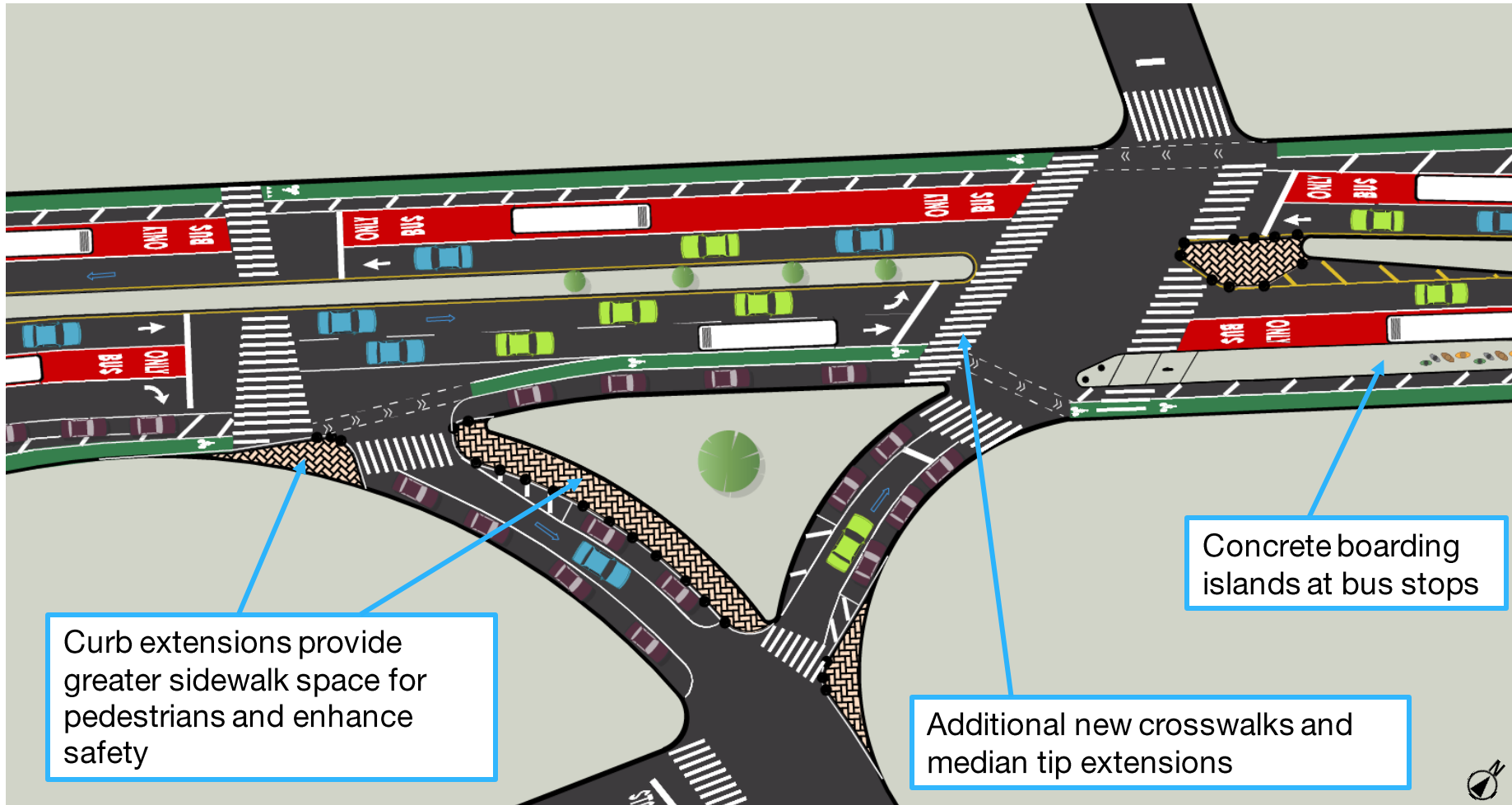
South of Tremont Ave



Proposed

Planned Treatments: University Ave

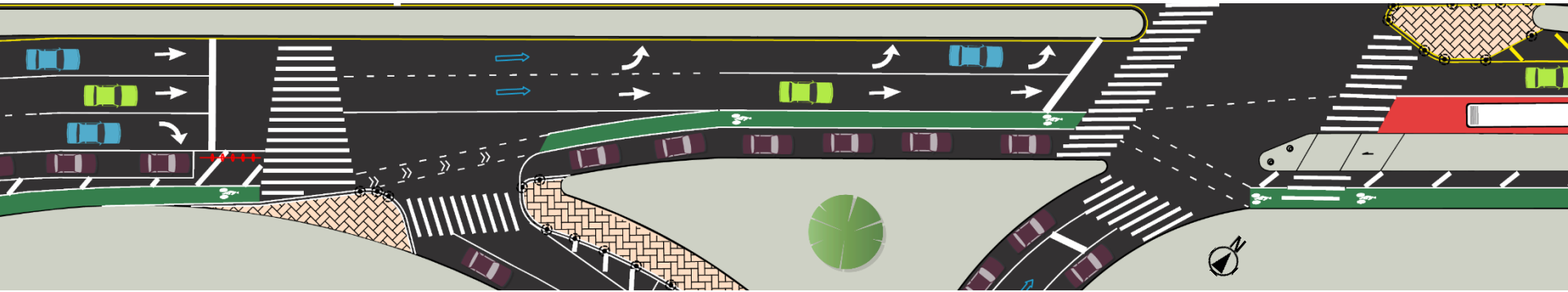
South of Tremont Ave



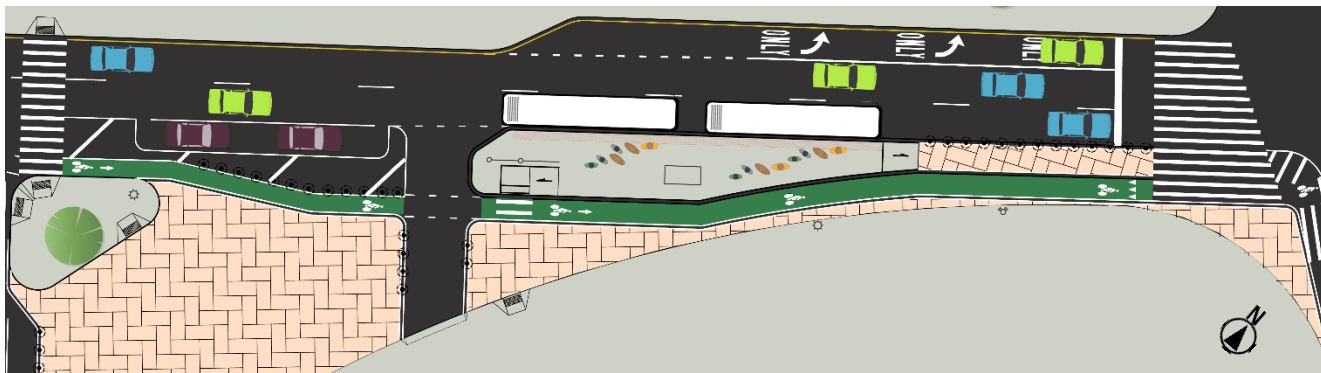
Proposed

Traffic Analysis

- DOT conducted a traffic analysis on the corridor and used the data to modify design of the corridor
- In the northbound direction, bus lanes were not included to accommodate traffic needs at the following segments:
 - Approaching Featherbed Lane
 - Approaching Tremont Ave



University Ave/Featherbed Ln, NB



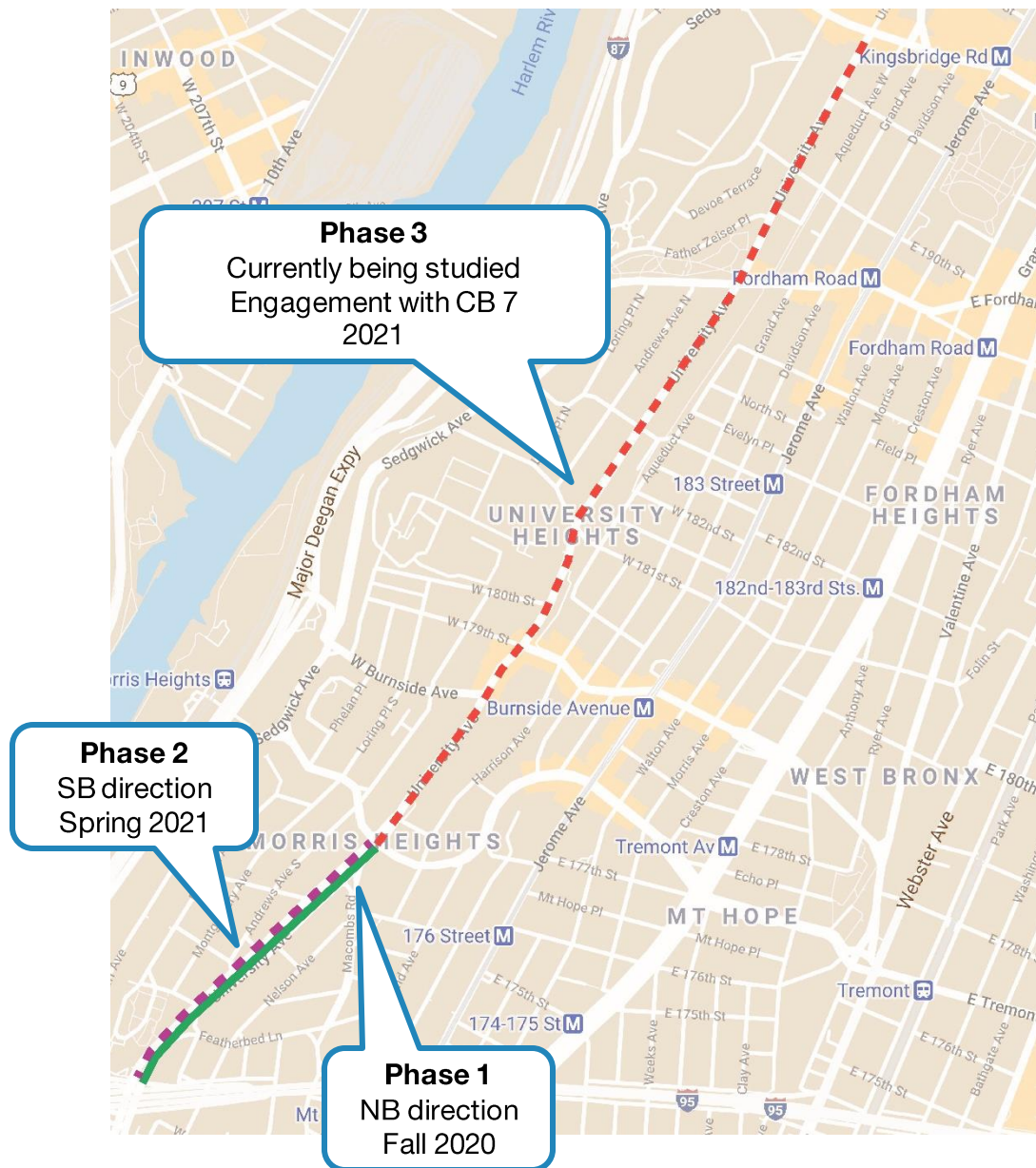
University Ave/Tremont Ave, NB

Next Steps

Project Phasing

DOT proposes that the project be completed in 3 phases:

- **Phase 1:** University Ave, south of Tremont, in the northbound direction
- **Phase 2:** University Ave, south of Tremont, in the southbound direction
- **Phase 3:** University Ave, north of Tremont Ave, will be studied for a later phase to design improvements that will benefit all users



Next Steps

- **November 2019**
 - CB 5 + 7 Meeting
- **Winter 2019/2020**
 - Data analysis
 - Develop draft street design plan
 - Present draft plan to CB 5 + 7
- **June 2020**
 - Present update to CB 5 District Manager
 - Develop Phase 1 final plan
- **September 2020**
 - Present Phase 1 final plan to CBs
- **October – November 2020**
 - Implement Phase 1 (NB south of Tremont Ave)
 - Study Phase 3 and continue community engagement
- **Spring 2021 – Fall 2021**
 - Implement Phase 2 (SB south of Tremont Ave)
 - Implement Phase 3 (north of Tremont Ave)

Thank You!

Questions?



NYC DOT



NYC DOT



nyc_dot

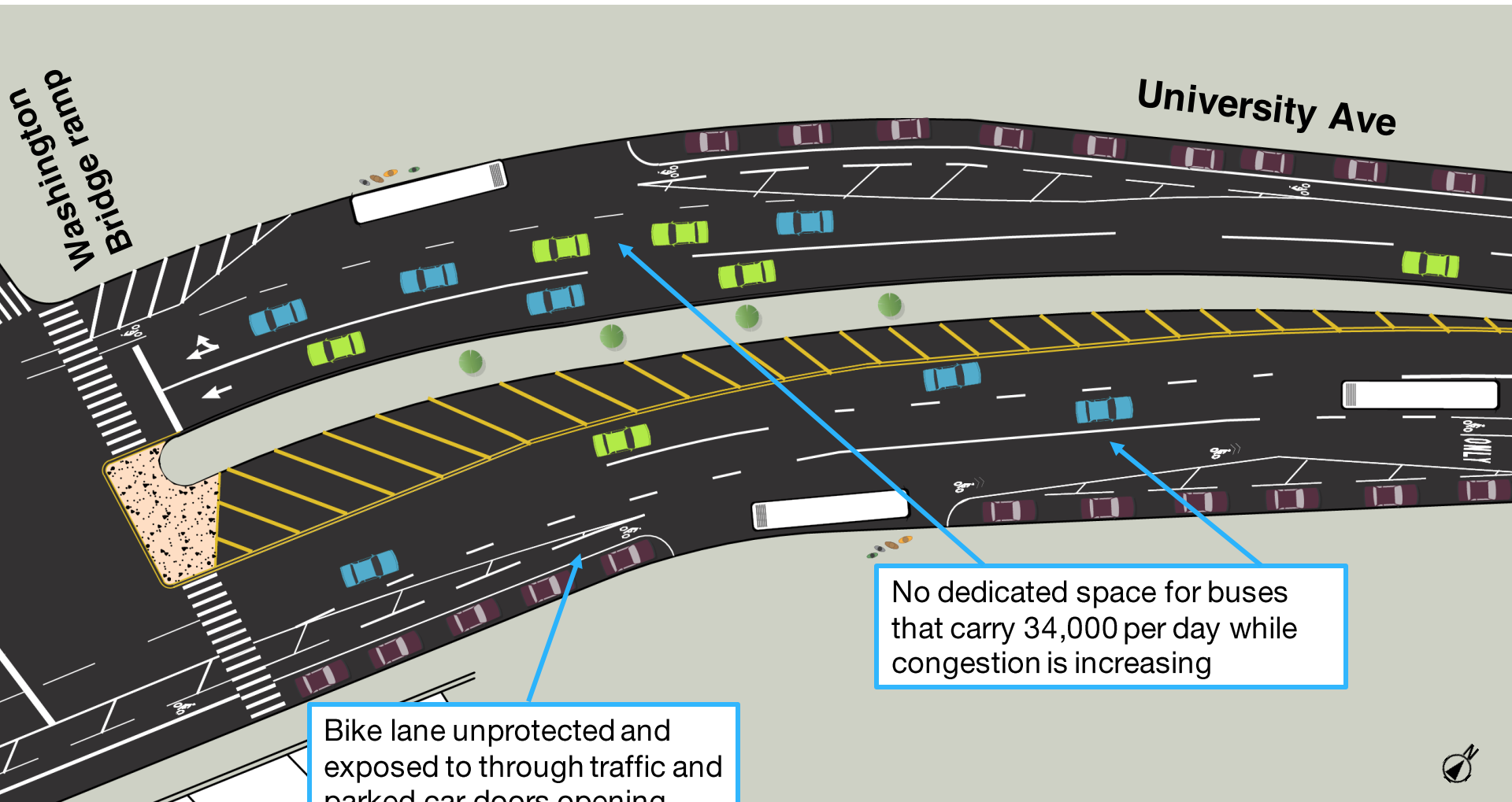


NYC DOT

Appendix

Existing Conditions:

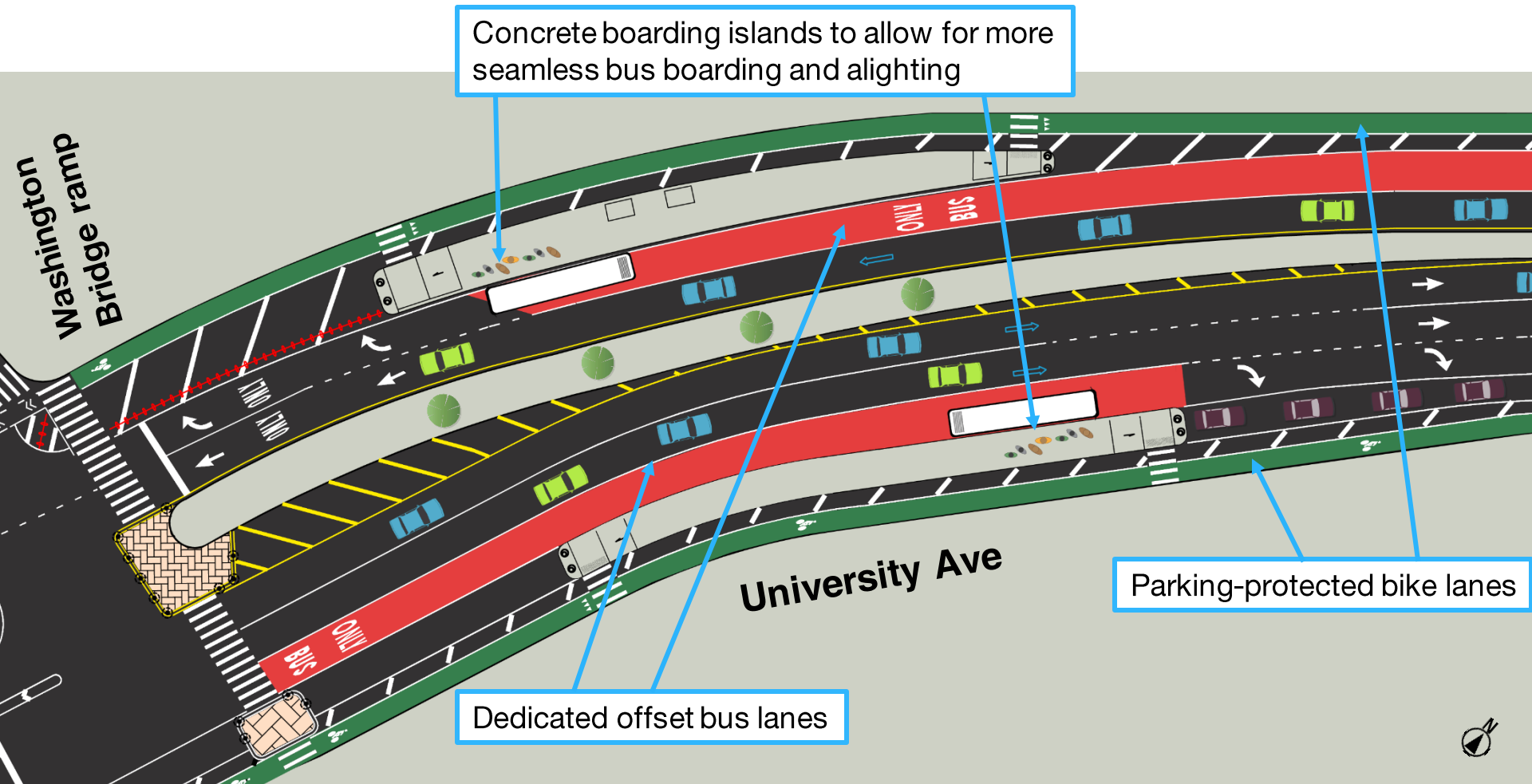
Identified Issues Along University Ave (south of Tremont)



EXISTING

Planned Treatments:

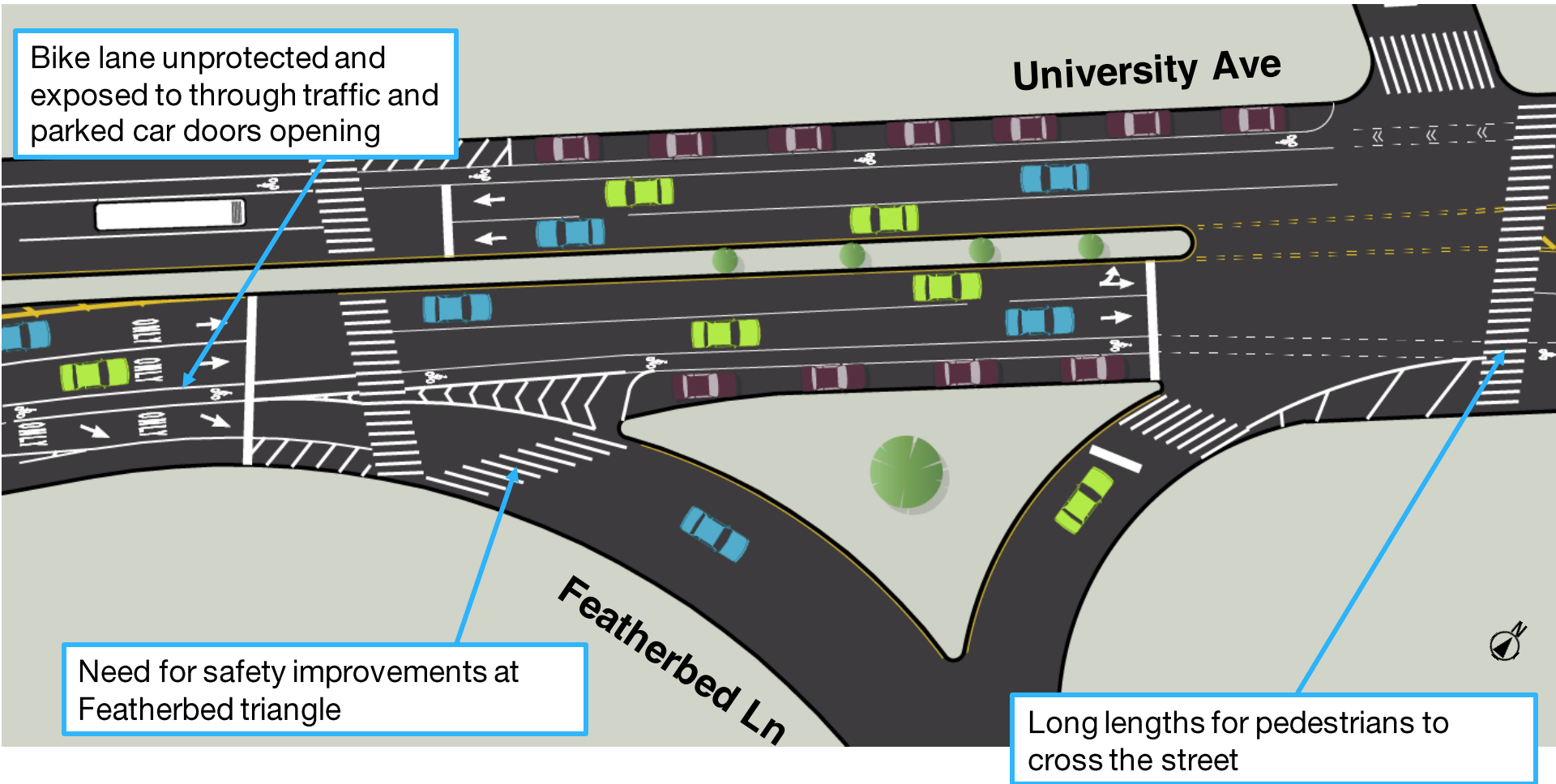
Array of Proposed Treatments Along University Ave (south of Tremont)



PROPOSED

Existing Conditions:

Identified Issues Along University Ave (south of Tremont)



EXISTING

Array of Proposed Treatments Along University Ave (south of Tremont)

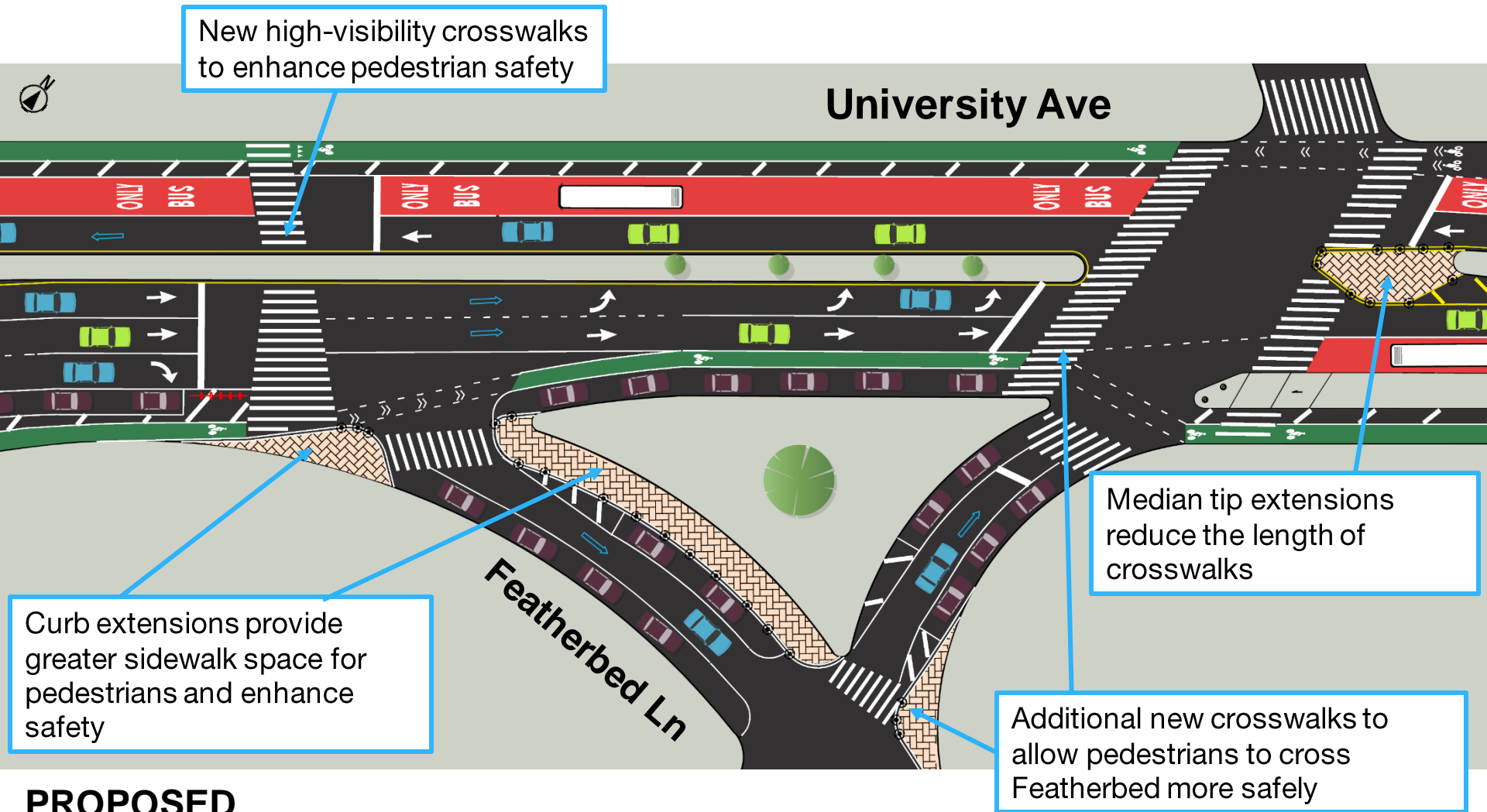


Protected bike lanes



Planned Treatments:

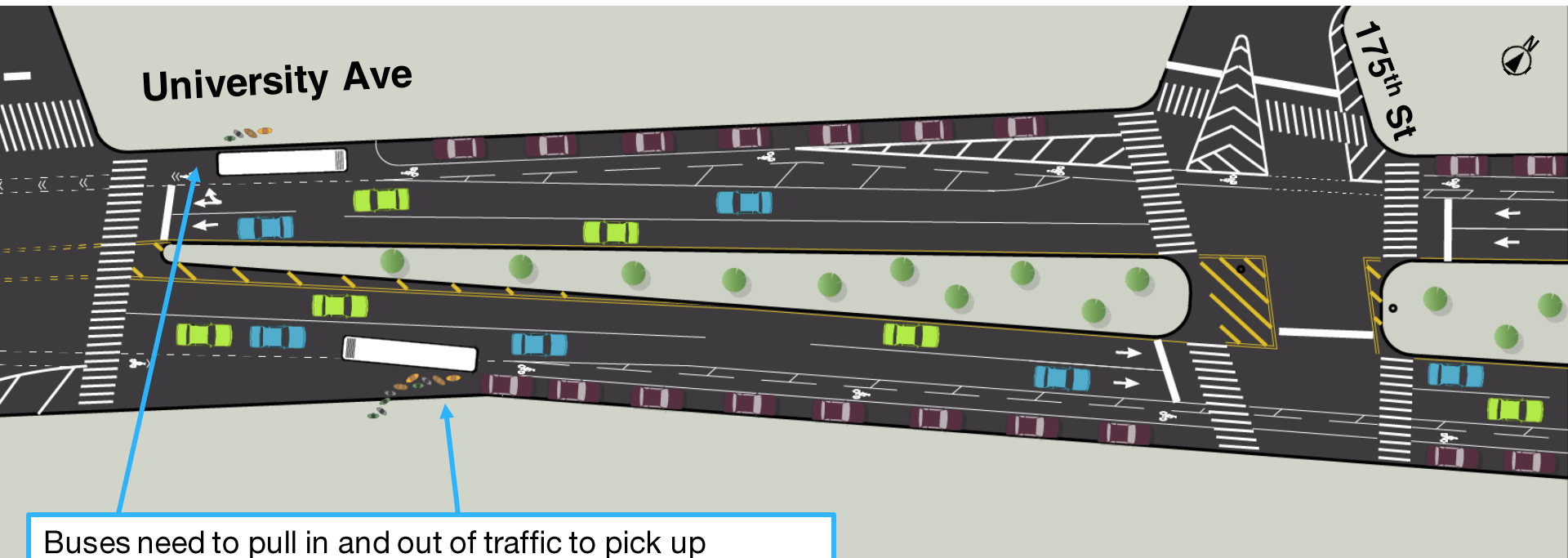
Array of Proposed Treatments Along University Ave (south of Tremont)



PROPOSED

Existing Conditions:

Identified Issues Along University Ave (south of Tremont)

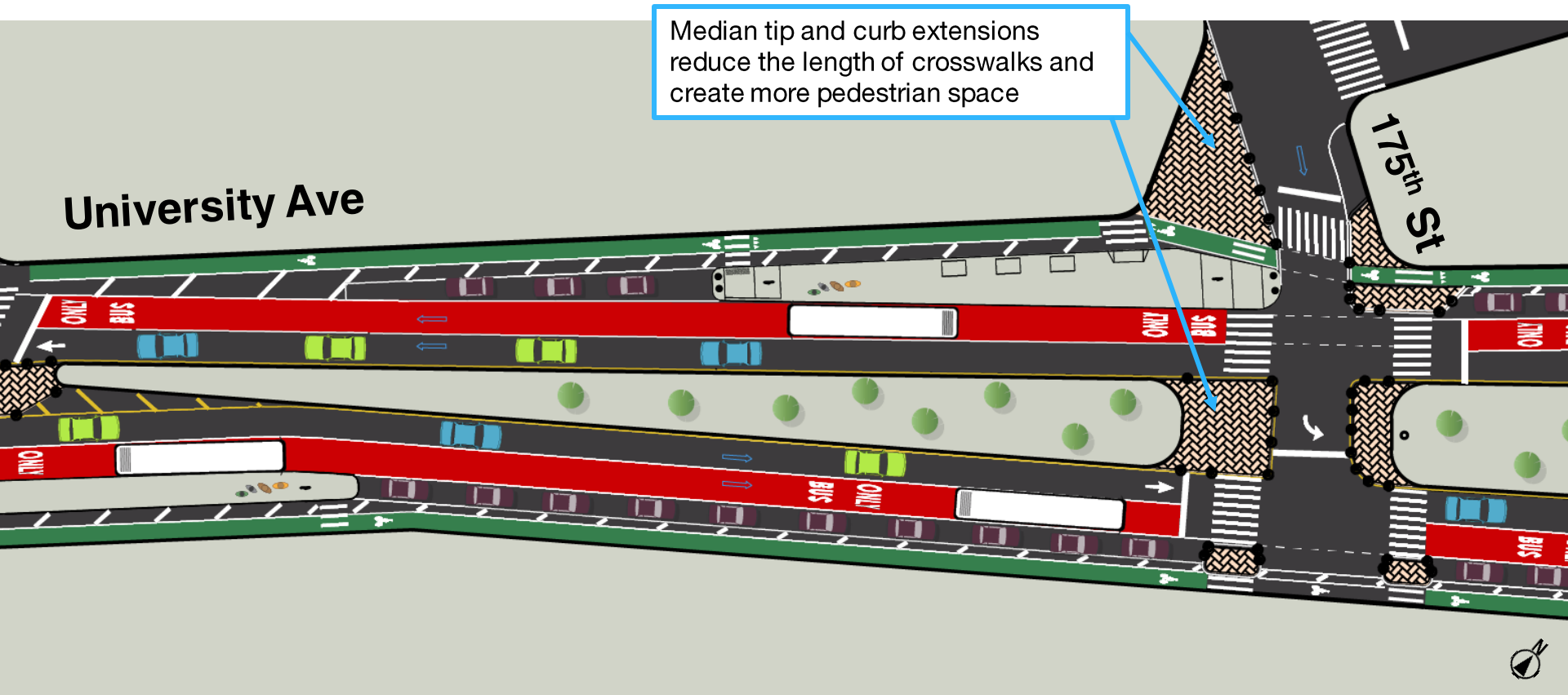


Buses need to pull in and out of traffic to pick up passengers, which contributes to delays and unreliability

EXISTING

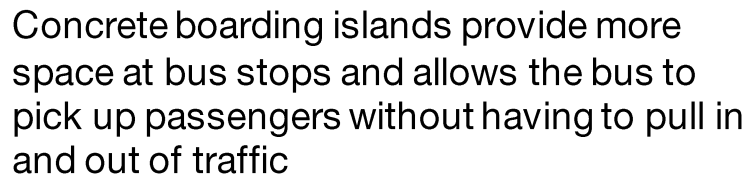
Planned Treatments:

Array of Proposed Treatments Along University Ave (south of Tremont)



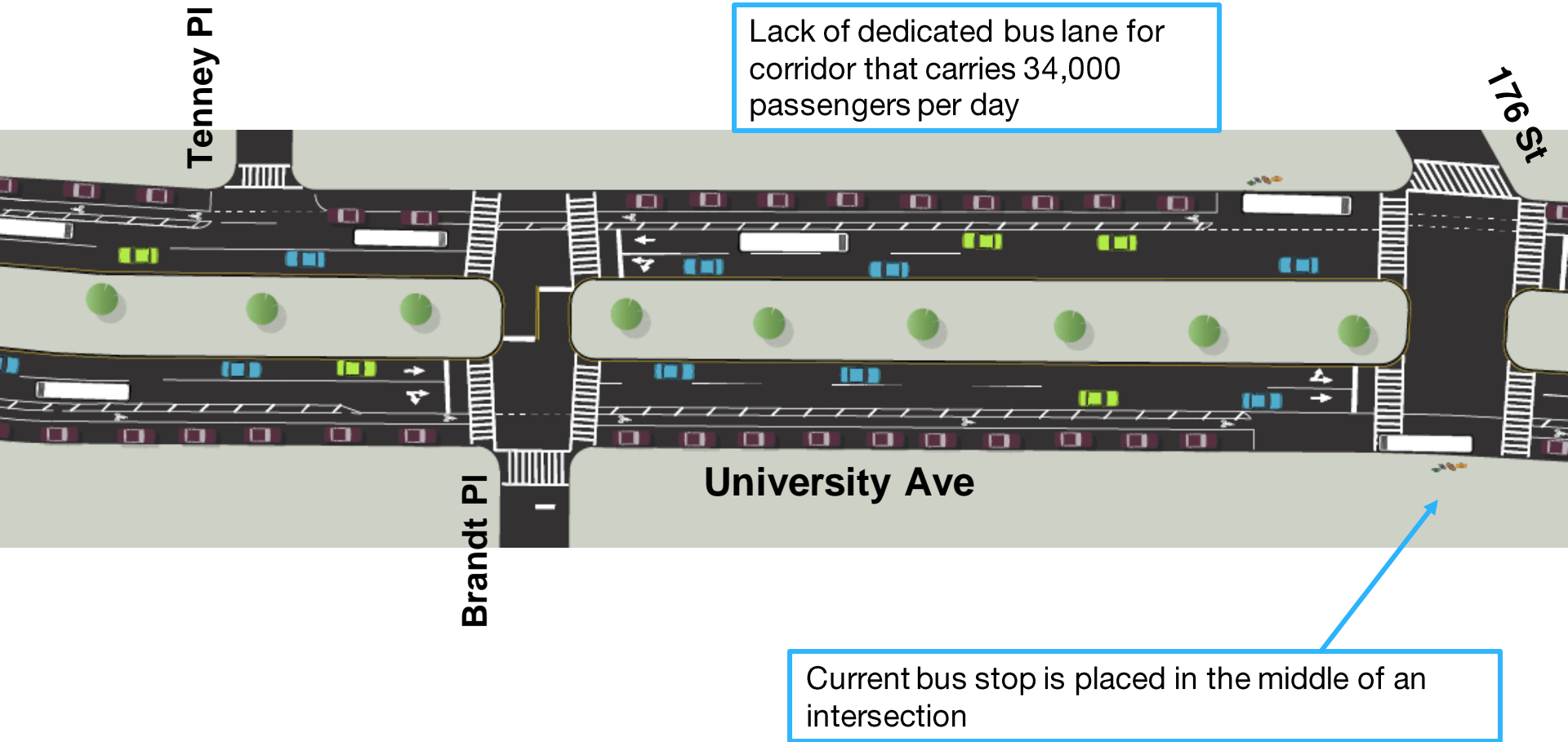
PROPOSED

Array of Proposed Treatments Along University Ave (south of Tremont)



Existing Conditions:

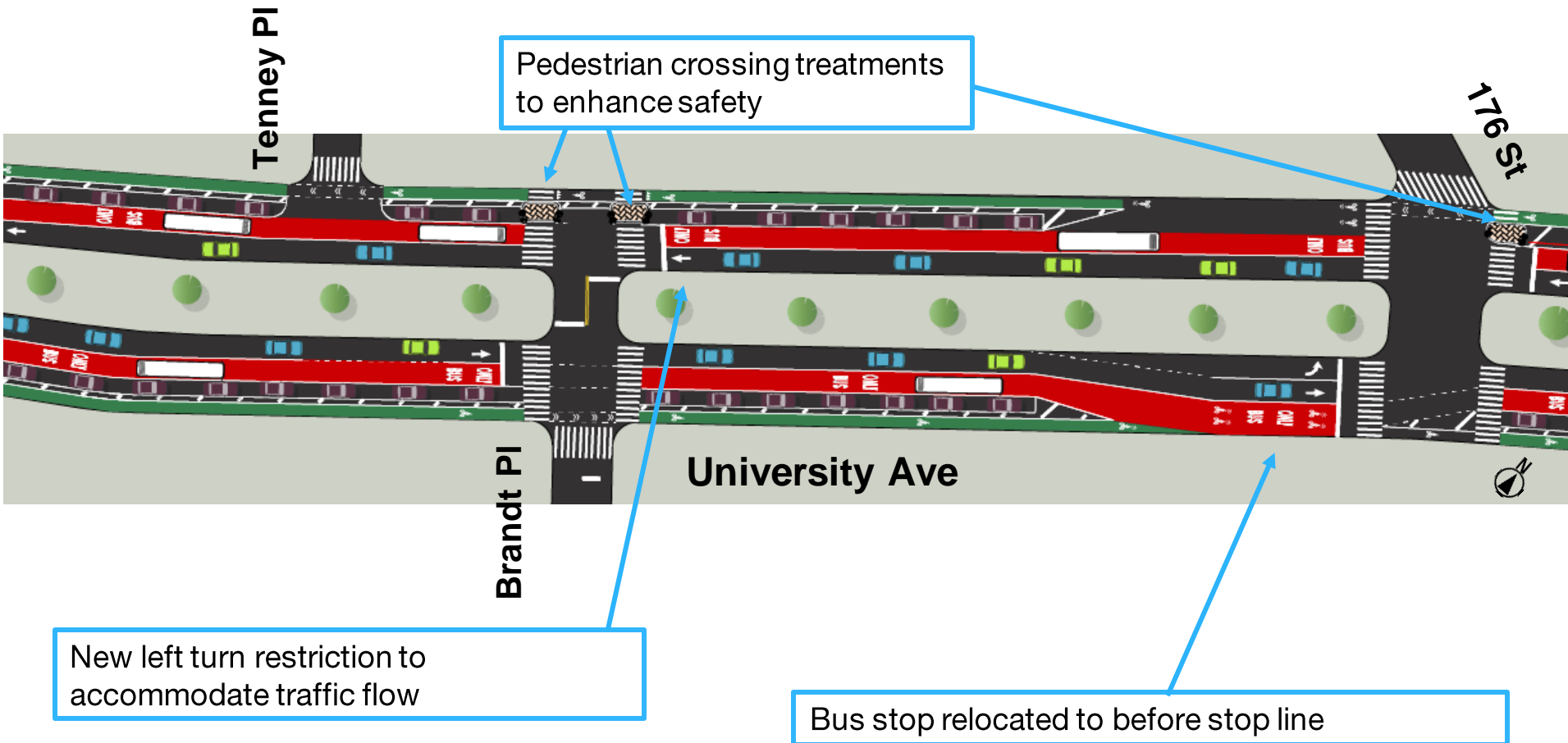
Identified Issues Along University Ave (south of Tremont)



EXISTING

Planned Treatments:

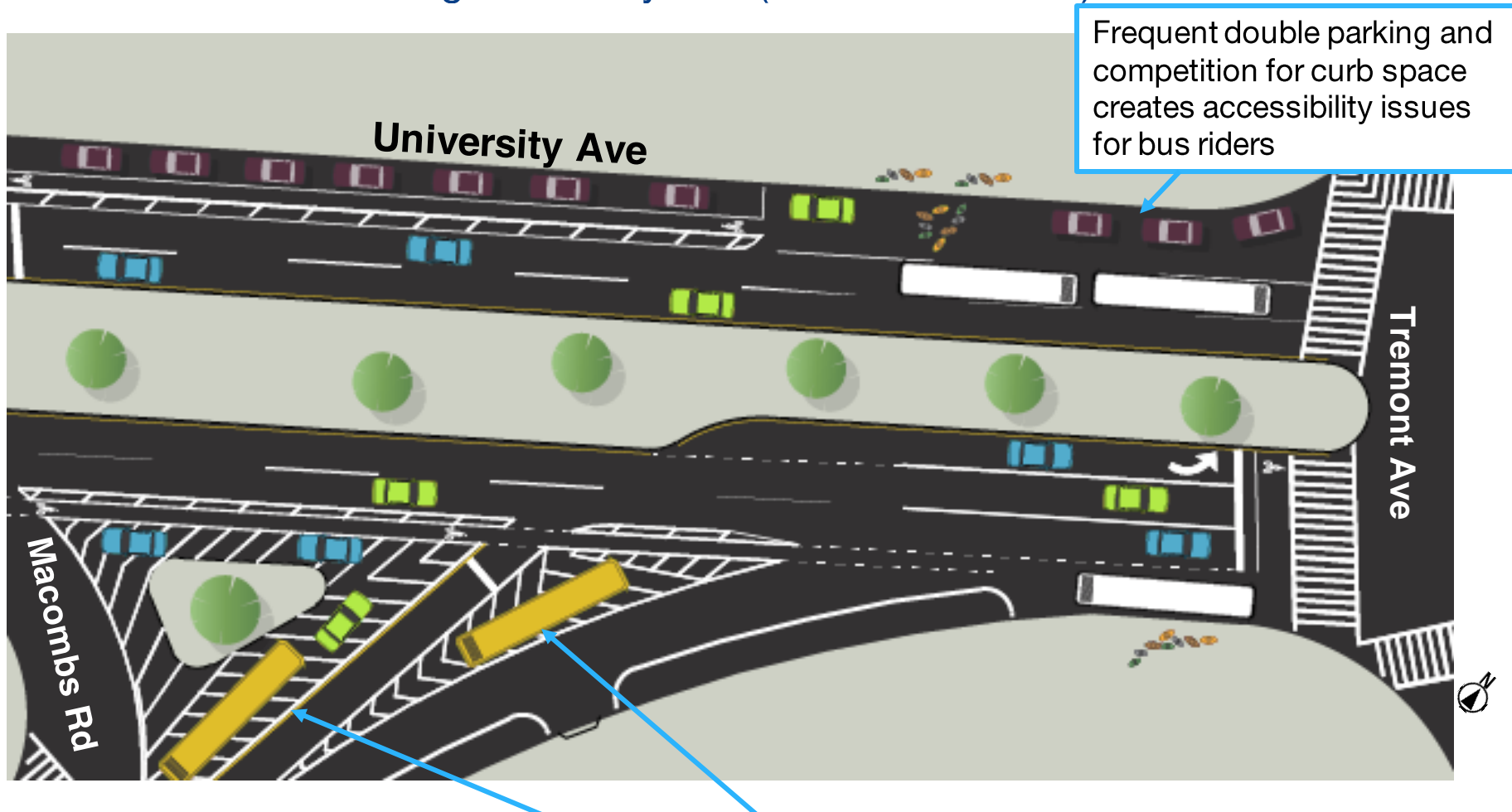
Array of Proposed Treatments Along University Ave (south of Tremont)



PROPOSED

Existing Conditions:

Identified Issues Along University Ave (south of Tremont)



EXISTING

Planned Treatments:

Array of Proposed Treatments Along University Ave (south of Tremont)

