

Hylan Blvd Bus Lane Extension

NYC DOT | Better Buses Restart | August 2020

Hylan Blvd, Staten Island



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Recap

Recap of Hylan Blvd CAB #1

Better Buses Restart Plan

- In June, the City announced a plan for fast, reliable transit service during reopening
 - Buses have played a vital role during the shutdown and recovery
 - Bus ridership is already at 56% of pre-Covid levels, while subway ridership is only at 23%
- These projects will help people get around more easily, with better service and less crowding

NYC

SAFER TRANSIT

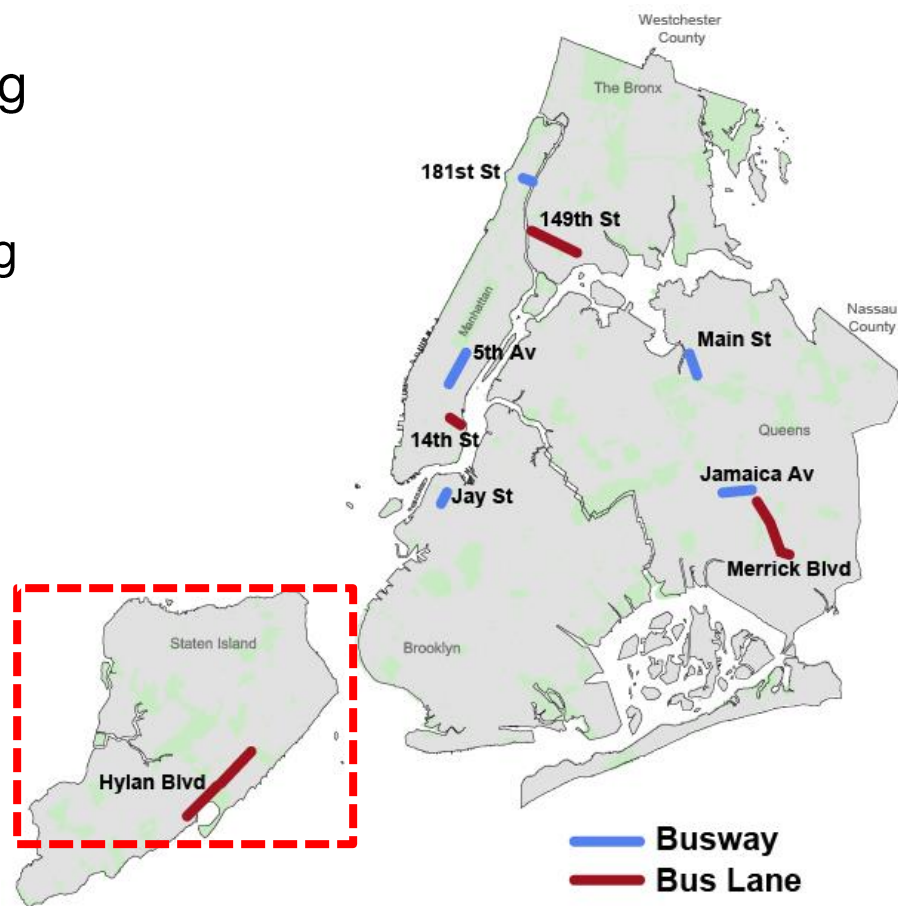
City will implement 20 total new miles of busways and bus lanes that will serve nearly 750,000 daily rides

Faster travel, more frequent buses to increase social distance

5 new busways, similar to 14th Street

4 new bus lanes with signage and street markings

14th Street Busway will be made permanent



Current Bus Network along Hylan Blvd

SBS Routes:

1. S79-SBS

Local Routes:

1. S78
2. S57

Express Routes:

1. SIM 1
2. SIM 1c
3. SIM 5
4. SIM 6
5. SIM 7
6. SIM 9
7. SIM 10
8. SIM 11

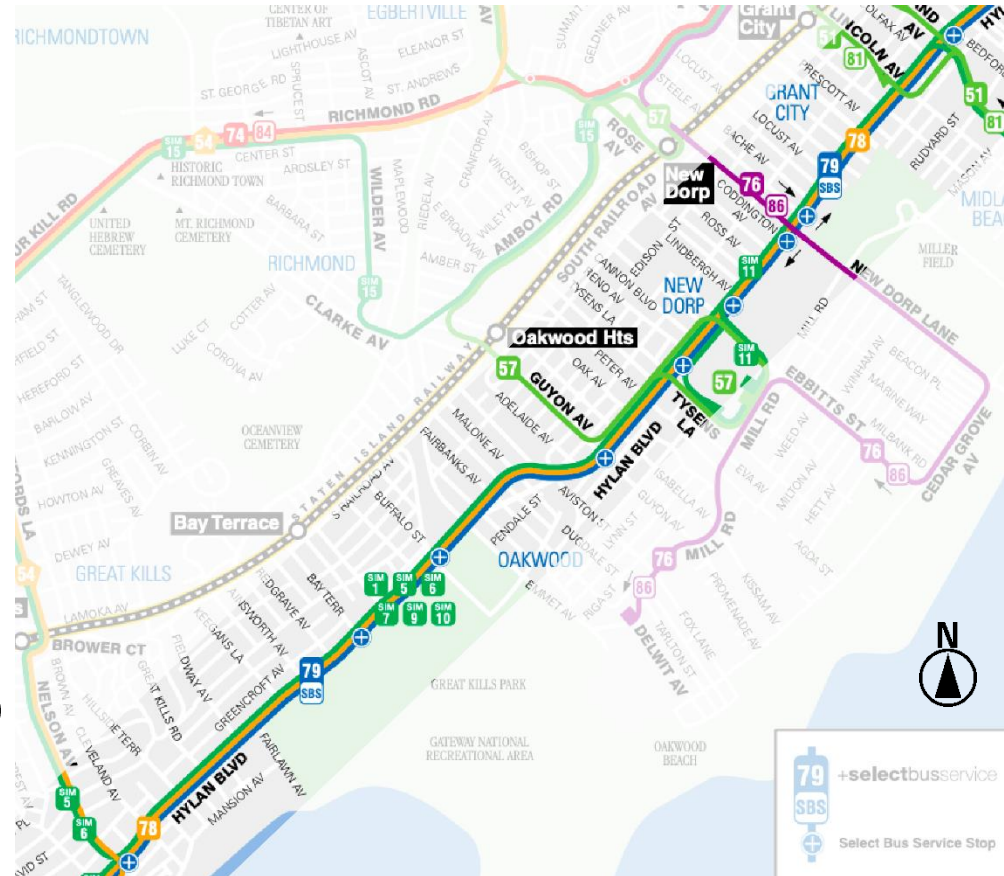
Average combined weekday ridership: **33,000**

Average peak hour bus volumes:

AM Peak: 68 buses per hour

PM Peak: 59 buses per hour

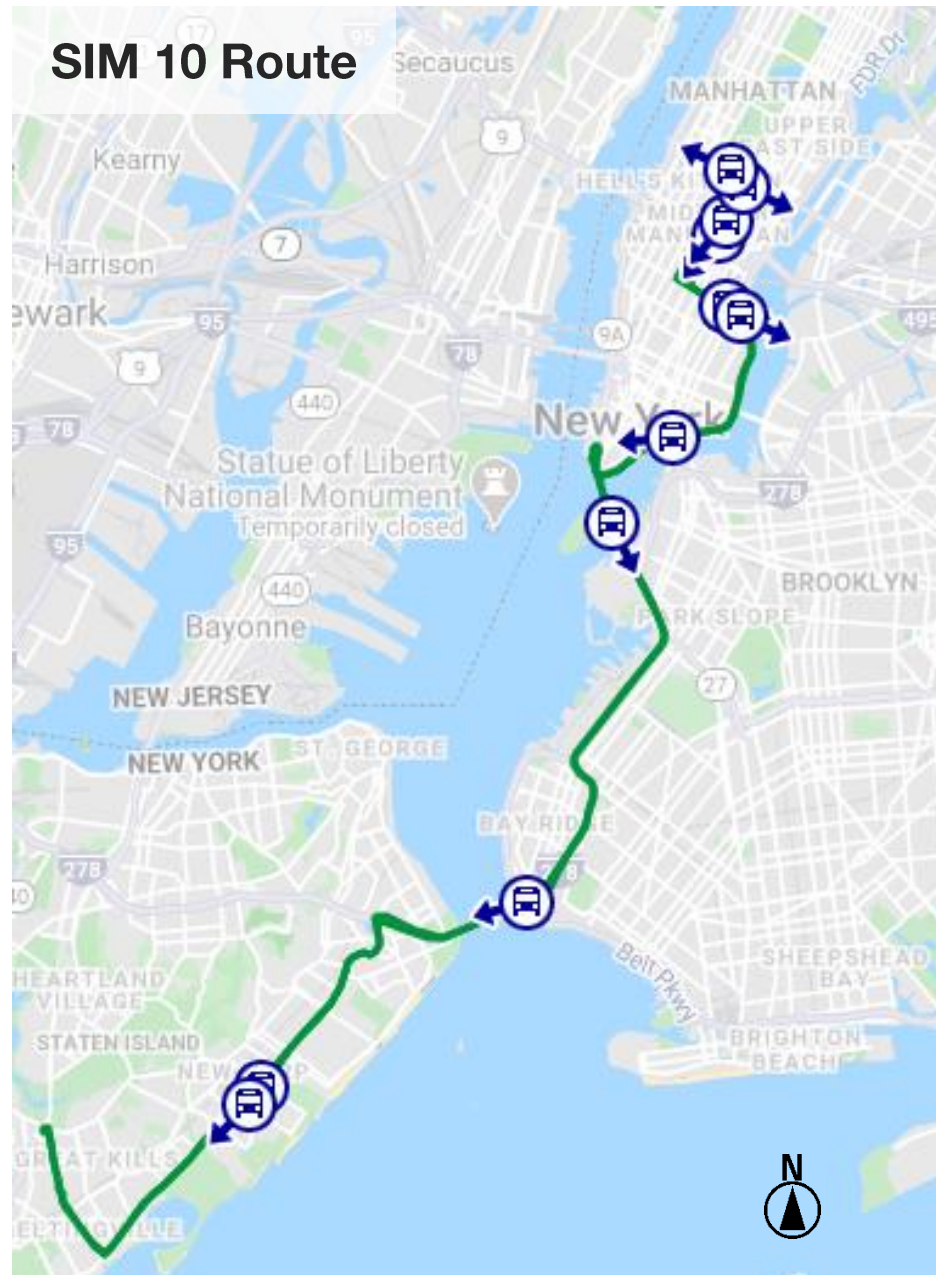
40% of all SI Express Bus service runs through Hylan Blvd



Hylan Blvd Bus Lane

Project Purpose

- Support a major commuting corridor connecting to S.I. Expwy & Verrazzano-Narrows Bridge
- Important inter-borough connection between SI, BK, MN
- Improve transit connections to surrounding neighborhoods



Hylan Blvd

Project Proposal Update

Hylan Blvd Bus Lane Extension

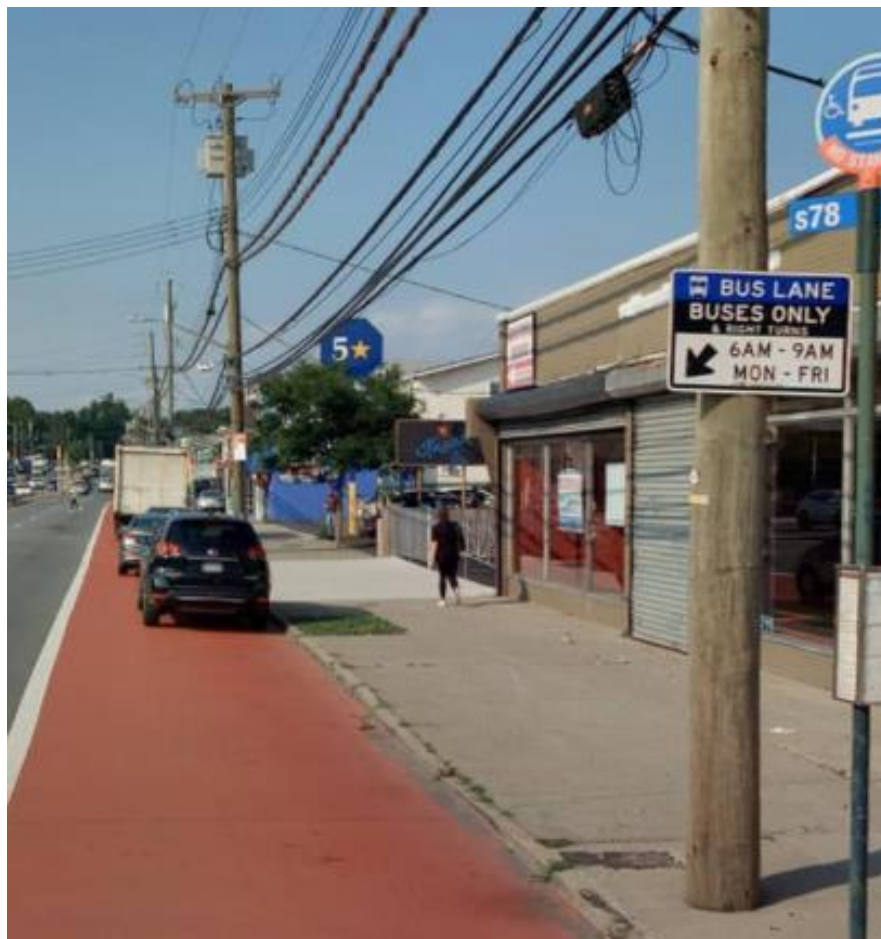
Updated Proposal

- Proposal updated based on feedback from 1st Community Advisory Board (CAB) meeting
- Extend NB bus lane from Lincoln Ave to Nelson Ave
 - 6AM – 9AM
- Extend SB bus lane from Lincoln Ave to Guyon Ave
 - 3PM – 7PM
- Right-turning vehicles and emergency vehicles may use bus lane



Hylan Blvd Bus Lane Extension

Proposed Bus Lane Hours



Bus Lane Implementation

Bus Lane Enforcement

- DOT will address CAB concerns about enforcement along Hylan Blvd
- Enforcement components:
 - Move existing traffic cameras to “hot spots” identified by the CAB
 - DOT is coordinating with PD to enforce illegal parking at identified “hot spots” identified by CAB:
 - Hylan and Guyon Ave
 - Hylan, between Parkinson Ave and Old Town Rd
 - Hylan Blvd and Hillside Terrace

Bus Lane Implementation

Implementation Details

- Implementation of curbside bus lanes will include:
 - Painting “Bus Only” markings and lane striping
 - Installing “Bus Only “ signs with hours
 - Minimal changes to remaining travel lanes
 - Bus lanes will *not* include red paint this year, but can be upgraded in the future
- 4.7 miles of total bus lane
- Implementation will begin in late August
- Bus lanes will be monitored after implementation

Post-Implementation

Implementation Details

After implementation, DOT will continue to monitor the corridor for:

- Vehicle speeds and travel times
- Bus speeds
- Bus reliability
- Illegal parking and enforcement issues

DOT will continue to post information online and provide updates to the CAB



Next Steps

Next Steps

Preliminary Implementation Schedule

June 2020

- Project Development

Mid-July 2020

- First CAB meeting – July 15

August 2020

- Second CAB meeting – August 12

Late-August

- Bus Lane installation

Post-Implementation

- Additional CAB meetings and project monitoring

Thank You!

Questions?



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Appendix

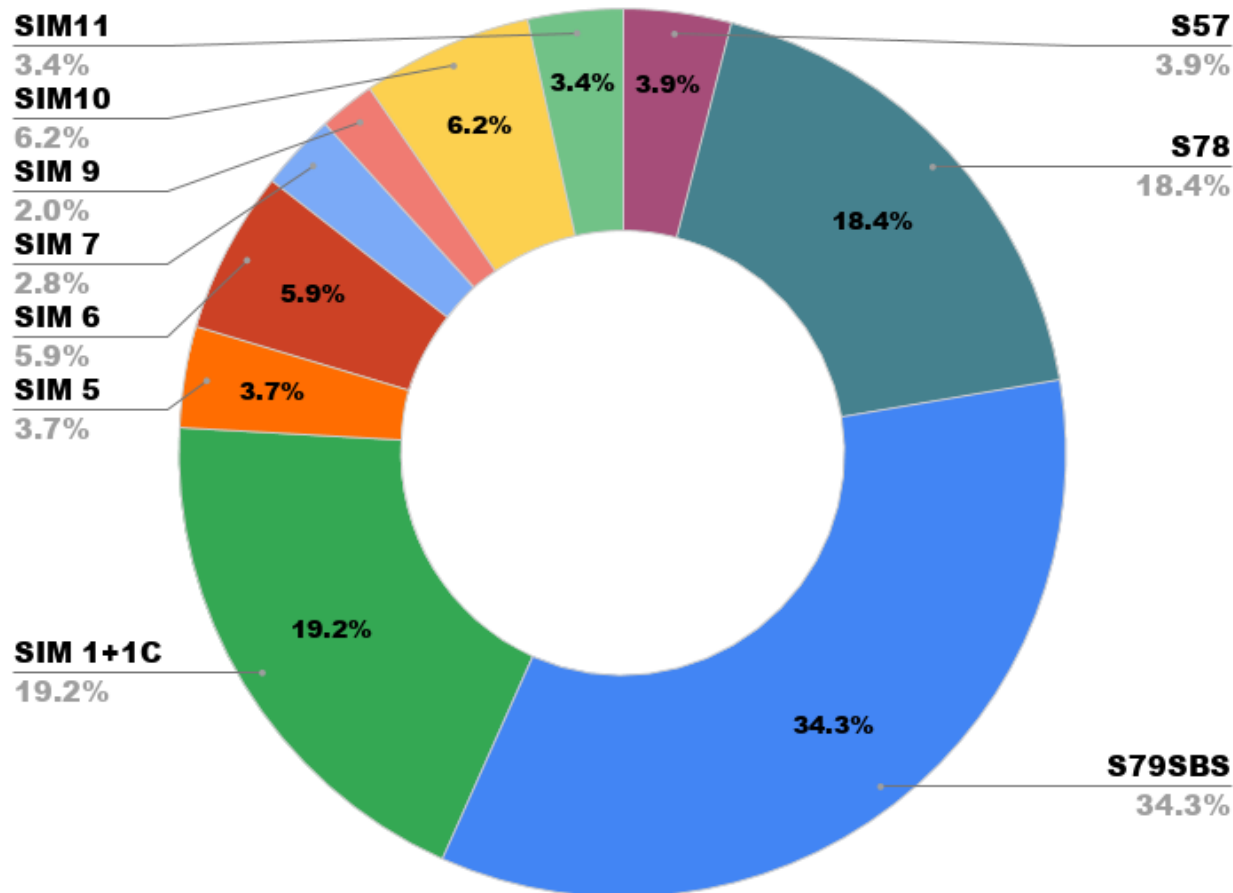
Hylan Blvd Bus Lane

Existing Bus Ridership

- Highest ridership corridor in Staten Island
- 32,507 daily riders* on 11 bus routes on this portion of Hylan Blvd
- S79 SBS ridership has grown and remained consistently high since launch
 - 2013: 9,900 daily riders
 - 2019: 11,148 daily riders

*Source: MTA

Hylan Blvd Ridership by Route



Hylan Blvd Bus Lane

Existing Bus Ridership

| Route | Year | Month | Average Weekday | Average Sat | Average Sun |
|---------|------|-------|-----------------|-------------|-------------|
| S 57 | 2019 | 10 | 1,281 | 917 | 695 |
| S 78 | 2019 | 10 | 5,991 | 4,369 | 2,632 |
| S 79SBS | 2019 | 10 | 11,148 | 9,352 | 6,725 |
| SIM 1 | 2019 | 10 | 6,248 | 4,058 | 2,608 |
| SIM 5 | 2019 | 10 | 1,201 | 0 | 0 |
| SIM 6 | 2019 | 10 | 1,926 | 0 | 0 |
| SIM 7 | 2019 | 10 | 908 | 0 | 0 |
| SIM 9 | 2019 | 10 | 662 | 0 | 0 |
| SIM10 | 2019 | 10 | 2,027 | 1 | 0 |
| SIM11 | 2019 | 10 | 1,115 | 0 | 0 |

Total

32,507

18,697

12,660

Hylan Blvd Bus Lane

Existing Bus Volumes

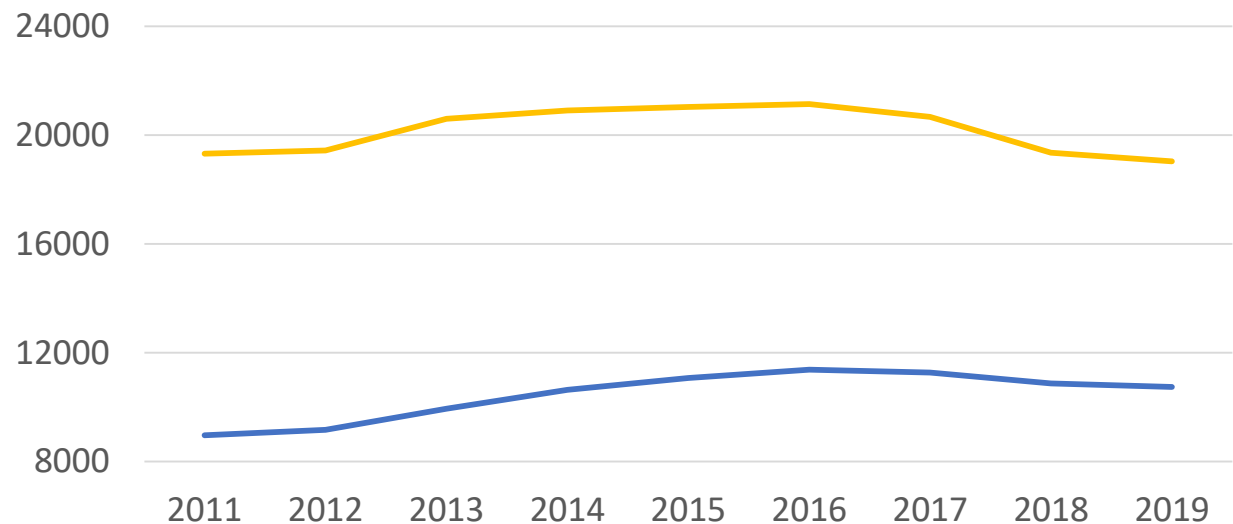
| | AM | | PM | |
|-------|----------------|----------|----------------|----------|
| | 06:00 TO 09:00 | Per hour | 16:00 TO 19:00 | Per hour |
| S78 | 18 | 6 | 15 | 5 |
| SBS79 | 36 | 12 | 28 | 9 |
| S57 | 17 | 6 | 12 | 4 |
| SIM1 | 28 | 9 | 31 | 10 |
| SIM5 | 17 | 6 | 12 | 4 |
| SIM6 | 26 | 9 | 20 | 7 |
| SIM7 | 13 | 4 | 14 | 5 |
| SIM9 | 13 | 4 | 9 | 3 |
| SIM10 | 21 | 7 | 24 | 8 |
| SIM11 | 15 | 5 | 13 | 4 |
| Total | 204 | 68 | 178 | 59 |

Previous Hylan Blvd Work

Changes in Ridership After Bus Lane

- Bus ridership increased after the launch of the S79 SBS
- Current S79 ridership has stayed mostly consistent after the increase, and is still at higher levels than before the SBS launch

AVERAGE WEEKDAY RIDERSHIP ON S79 SBS
COMPARED TO OTHER ROUTES ALONG THE
CORRIDOR



— S79 & S79SBS Annual Average Weekday Ridership

— S59/S78/S79/S79SBS Combined Annual Average Weekday Ridership

Hylan Blvd Bus Lane Extension

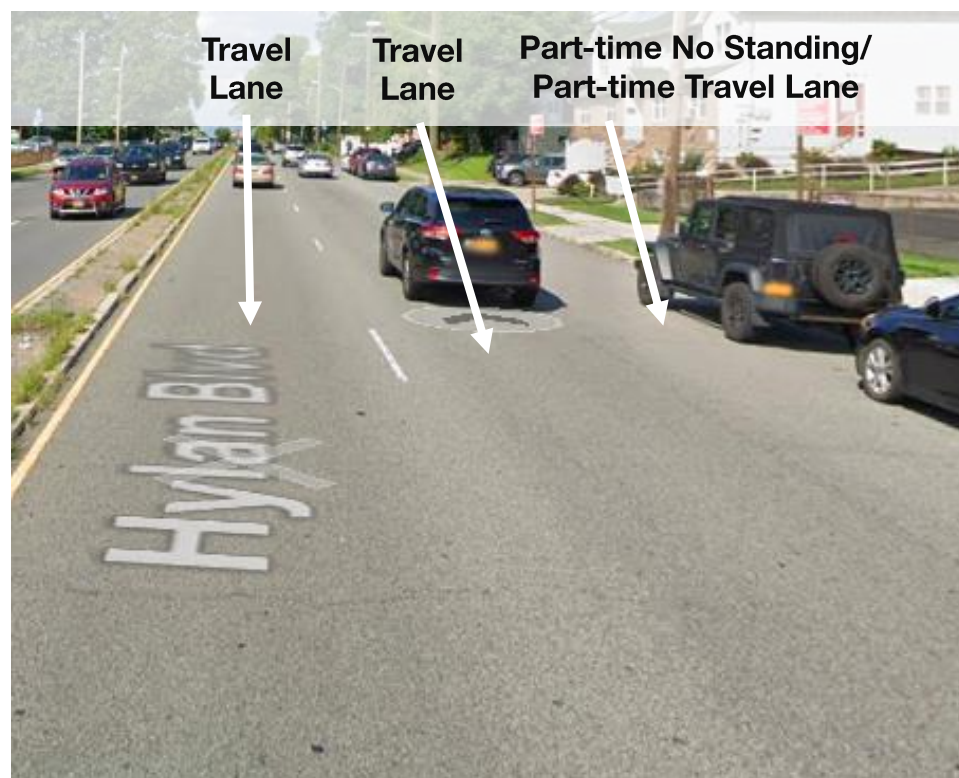
Existing Conditions, Lincoln Ave to Nelson Ave

Current traffic volumes*:

- AM Peak (7:15 – 8:15 AM), NB: 990 vehicles
- 24-hour period, NB: 19,237 vehicles
- PM Peak (3PM – 4PM), SB: 1,086 vehicles
- 24-hour period, SB: 19,473 vehicles

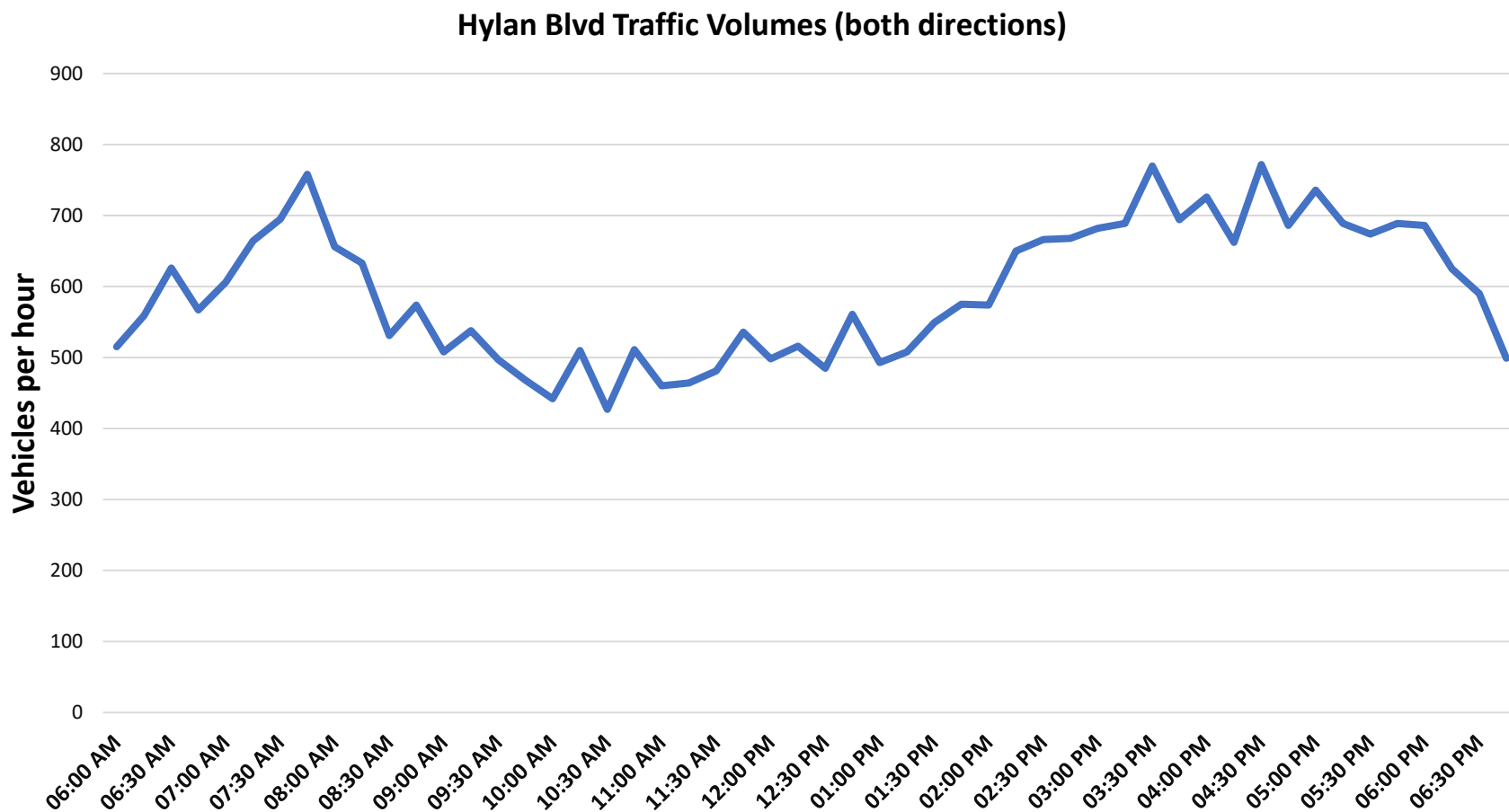
*Sample date: September 25, 2019

Hylan Blvd and Isabella Ave, looking north



Hylan Blvd Bus Lane Extension

Existing Conditions, Lincoln Ave to Nelson Ave



Parking Impacts

Existing Conditions, Curb is not being used much for parking



Previous Hylan Blvd Work

S79 SBS 2014 Progress Report

Curbside bus lane from Steuben St to Lincoln Ave

- In effect during weekday peak hours:
- Northbound 6 - 9 AM
- Southbound 3 - 7 PM

Substantially improved bus travel times on Hylan Blvd:

- Northbound AM Peak: 14% improvement
- Southbound PM Peak: 38% improvement

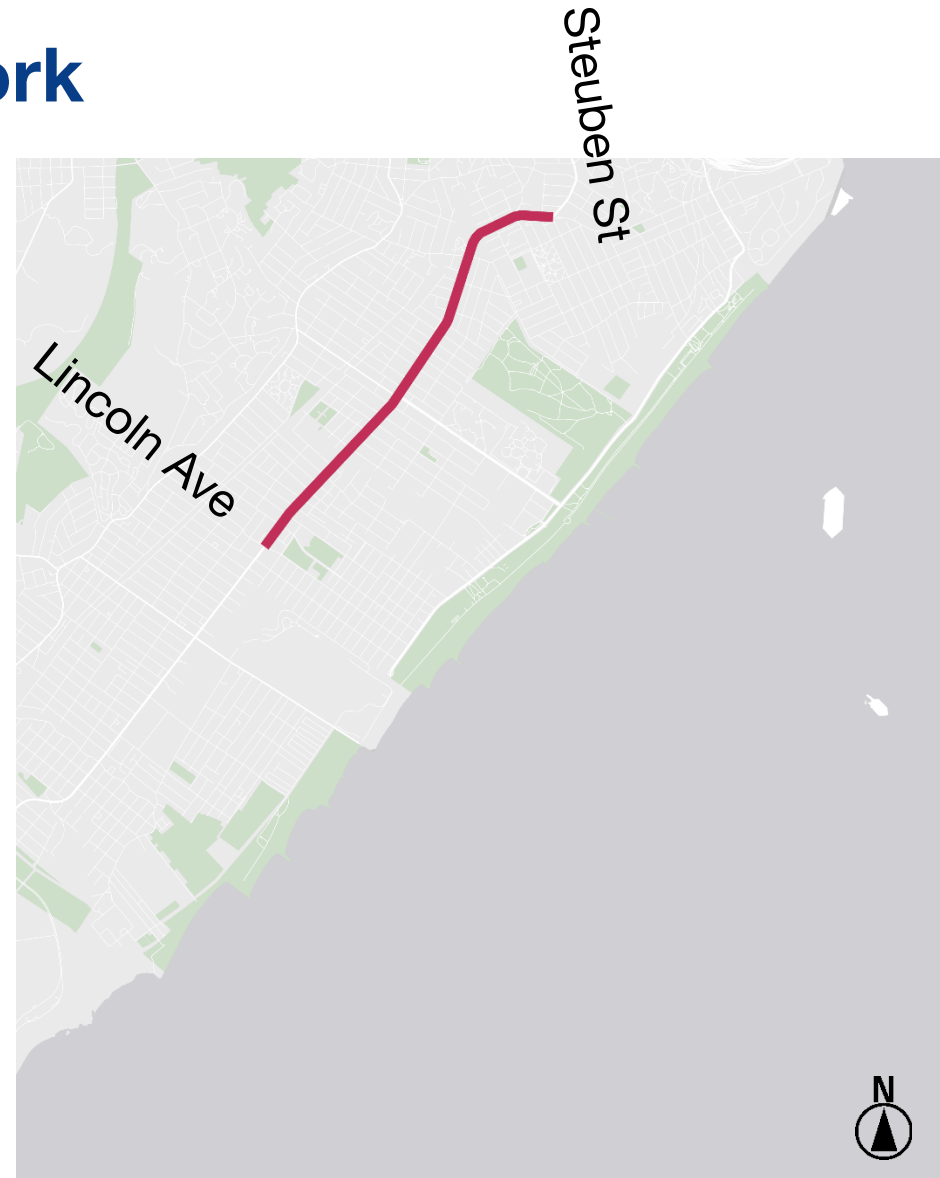
S79 SBS results:

- S79 ridership increased 14.5% from 2012 to 2016

S59, 78, 79 combined ridership increased 6.6%, compared to only 1.2% increase on all Staten Island routes combined

Link to full report:

<https://www1.nyc.gov/html/brt/downloads/pdf/2014-hylan-blvd-final-report.pdf>



Curb Regulations

- Current parking regulations mostly aligned with proposed bus lane hours
- Proposed bus lane hours would extend SB No Standing regulations by 1 hour in order to match existing bus lane hours north of Lincoln Ave



Benefits of Bus Lane Extension

- Increased speed and reliability of bus service
- Benefits high number of bus riders traveling through the corridor as the City continues with reopening efforts
- More riders will benefit from speed and reliability as bus lane extends down the corridor



Better Buses Restart

Better Buses Program

- **Mayor's 2019 State of the City:**
Improve bus speeds 25%
- **Better Buses Action Plan**
Released April 2019
- **Bus Priority Projects**
 - 22 projects implemented in 2019
 - 24 projects were planned for 2020, heavy focus on coordination with NYCT Bronx Bus Network Redesign

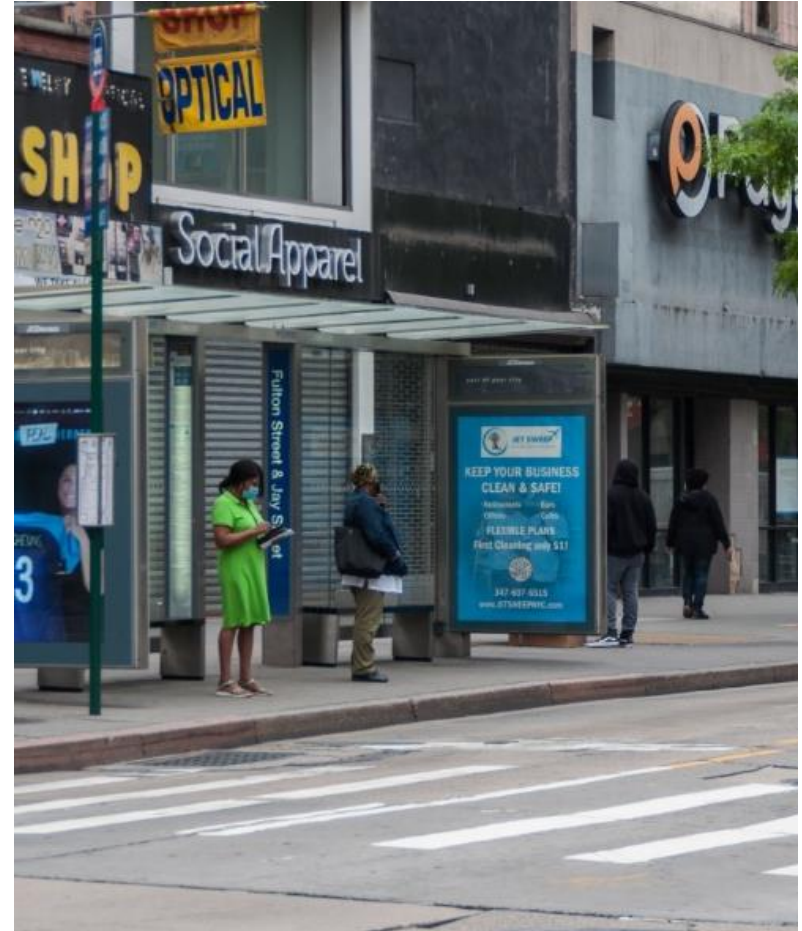


Better Buses Restart

Impact of COVID-19

2020 Work Program was disrupted by the pandemic

- Limited ability to conduct data collection and outreach starting in March
- Bronx Redesign implementation postponed



Previous Hylan Blvd Work

Existing Bus Lane, Steuben St to Lincoln Ave

