## Marcy Av, Borinquen PI to Broadway

Bus Priority Street Improvement Project (SIP ID: 12263)

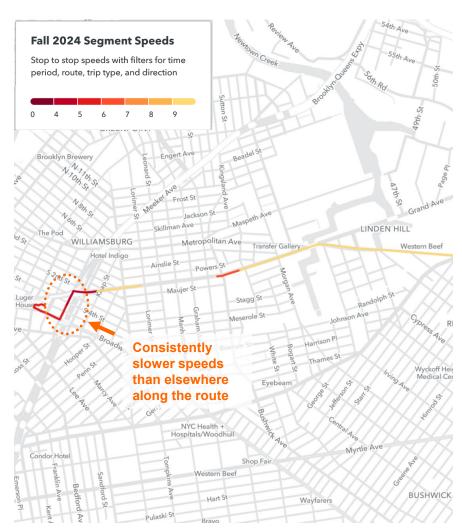






#### Marcy Av, Borinquen PI to Broadway

- Confluence of three Williamsburg Bridge Plaza-bound bus routes:
  - **B24** Avg. Daily Ridership **2,359** (2024)
  - **B60** Avg. Daily Ridership **12,226** (2024)
  - **Q54** Avg. Daily Ridership **13,411** (2024)
- Each bus route experiences delays and slower speeds along this tail end stretch.
- These delays compound on top of delays earlier in the routes' journeys and result in buses arriving late to their terminal, delaying the next scheduled run.
- The <u>BQE North and South (2024)</u> study recommended providing a bus priority lane to alleviate these delays.



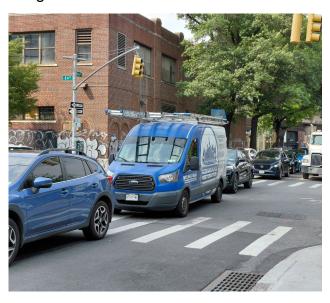
Average Bus Speeds, Q54, Westbound





#### Marcy Av, Borinquen PI to Broadway – Traffic Congestion

Congestion at S 4th St



Congestion at S 5<sup>th</sup> St



Bus stuck in traffic approaching Broadway



Traffic congestion is common along Marcy Av between Borinquen Pl and Broadway, especially on weekdays in the late afternoon, before the PM rush hour lane along the east curb goes into effect.





## Marcy Av & S 4<sup>th</sup> St – Loading Zone Demand













The west side of Marcy Av between S 4 St and S 5 St experiences many daily instances of multiple vehicles loading and performing deliveries while occupying the bus stop for extended amounts of time.





#### Marcy Av & Broadway – Difficult Right Turns



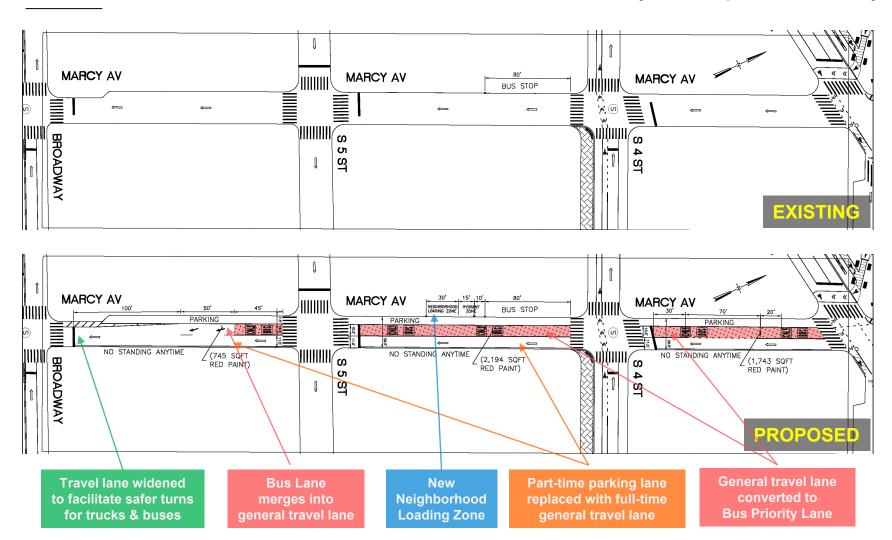


Buses must navigate a very tight right turn when continuing onto westbound Broadway from southbound Marcy Av; usually competing for space with other turning vehicles as well as improperly stopped traffic on the eastbound side of Broadway.



#### **Pavement Markings**

#### Marcy Av, Borinquen PI to Broadway

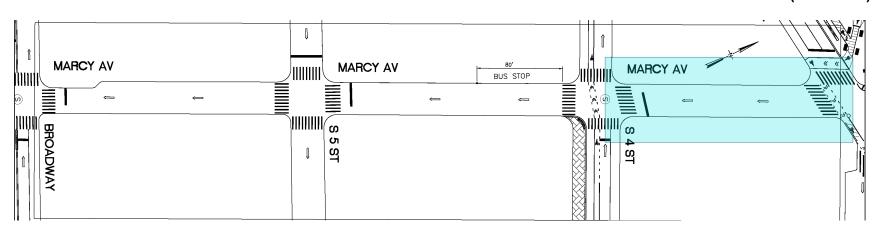


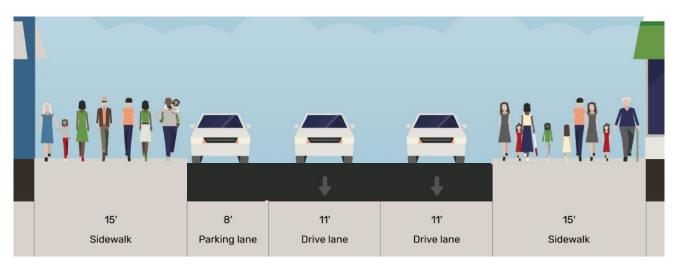




## **Cross-Sections: Existing**

## Marcy Av, Borinquen PI to S 4 St (All Hours)



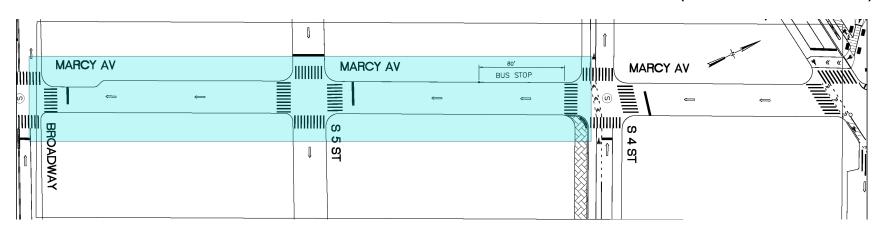


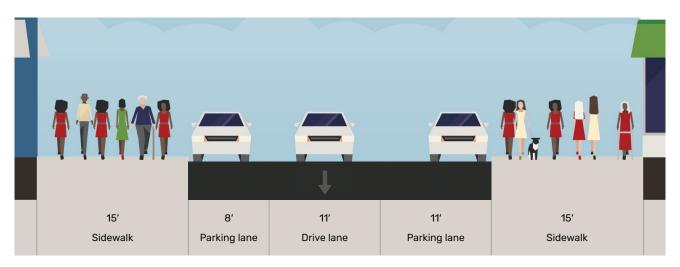




#### **Cross-Sections: Existing**

## Marcy Av, S 4 St to Broadway (Outside PM Rush Hours)



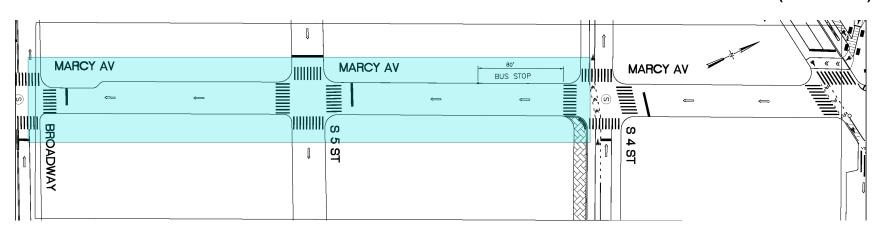


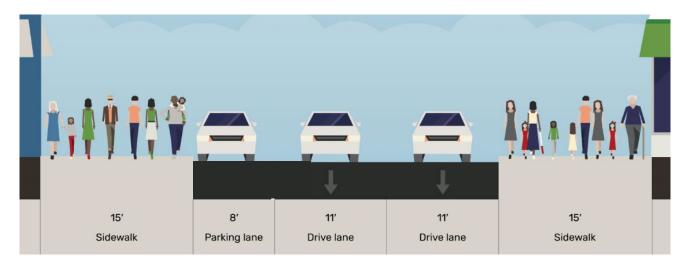




## **Cross-Sections: Existing**

## Marcy Av, S 4 St to Broadway (4PM – 7PM)



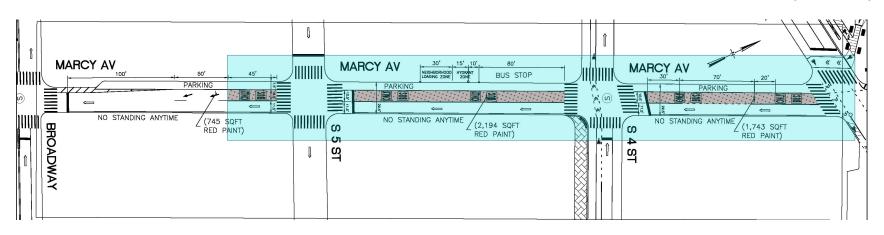


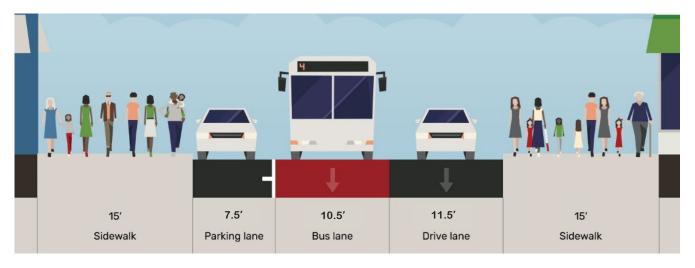




#### **Cross-Sections: Proposed**

# Marcy Av, Borinquen PI to Broadway (All Hours)



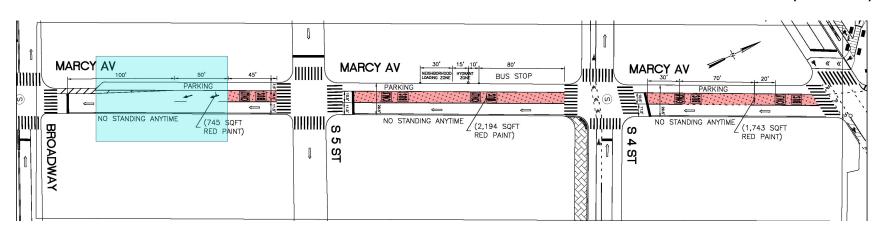


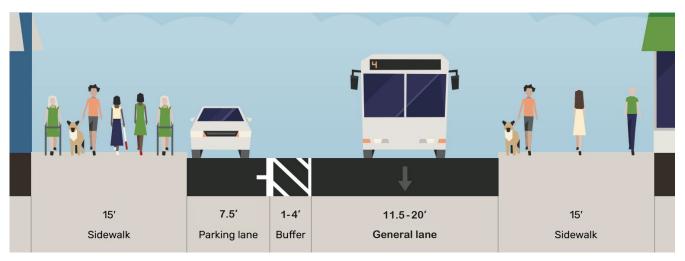




#### **Cross-Sections: Proposed**

# Marcy Av, Borinquen PI to Broadway (All Hours)



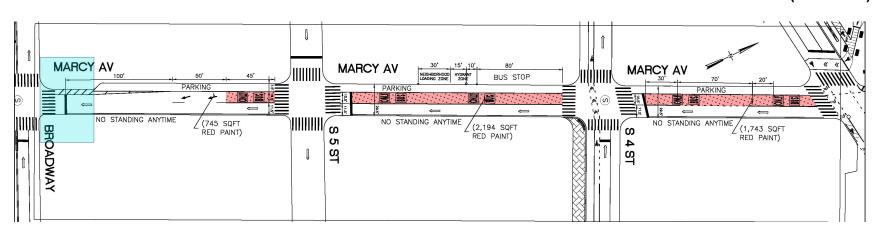


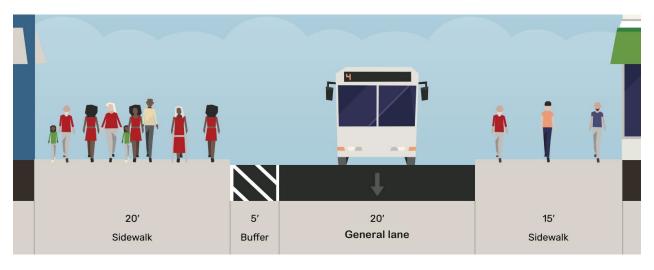




#### **Cross-Sections: Proposed**

## Marcy Av, Borinquen PI to Broadway (All Hours)









## **THANK YOU**





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