Project Background

The M79 bus corridor was identified as a potential candidate for Select Bus Service in the 2009 Bus Rapid Transit Phase II Study.

- Request for M79 SBS from local elected officials and community
- Heavily used route with slow trips
- Carries 12,500 passengers per day over about 2 miles
- Crucial connection to 1 6 B C trains and 16 bus routes, including M15 SBS
- 2 pedestrians killed, 34 people severely injured, and 458 total reported crash injuries along the M79 corridor (2012-2016)
- Vision Zero Priority Intersections or overlapping corridors at 79 Street and Broadway, 3rd Ave, 2nd Ave, & 1st Ave
M79 SBS Stops and Route
M79 SBS Service Launch – May 2017

- Improved fare collection at all stops
- 0.75 miles of bus lanes
- 12 new Bus Time/WalkNYC information displays
- 10 intersections with signal timing improvements
M79 West Side Bus Lane Treatments

- Added curbside bus lane to W 81 St eastbound
- New protected turns
Results

- **Speed:** M79 SBS is on average 8% faster than previous M79 service
  - 21% less time stopped at bus stops
  - 5% less time stopped in traffic

- **Ridership:** M79 SBS ridership up 9% one year after launch
  - Compared to all Manhattan routes up 0.5%

- **Popularity:** 96% M79 SBS customer satisfaction (compared to 84% satisfaction with pre-SBS M79 service)
**Travel Time:** On average, M79 SBS is 8% faster than the previous M79 service.
**Time Spent at Bus Stops**

**Dwell Time:** On average, M79 SBS spends 21% less time stopped at bus stops than the previous M79 service.

### Eastbound Dwell Time at Bus Stops (Minutes)
- **7 AM - 10 AM:** M79 LCL (Sept 2016) = 5.9, M79 SBS (Sept 2018) = 4.9, -17%
- **10 AM - 3 PM:** M79 LCL (Sept 2016) = 6, M79 SBS (Sept 2018) = 4.6, -23%
- **3 PM - 7 PM:** M79 LCL (Sept 2016) = 5.7, M79 SBS (Sept 2018) = 4.2, -26%
- **7 PM - 12 AM:** M79 LCL (Sept 2016) = 4.3, M79 SBS (Sept 2018) = 3.7, -14%

### Westbound Dwell Time at Bus Stops (Minutes)
- **7 AM - 10 AM:** M79 LCL (Sept 2016) = 6.2, M79 SBS (Sept 2018) = 4.7, -24%
- **10 AM - 3 PM:** M79 LCL (Sept 2016) = 7.2, M79 SBS (Sept 2018) = 5.6, -22%
- **3 PM - 7 PM:** M79 LCL (Sept 2016) = 7.1, M79 SBS (Sept 2018) = 5.6, -21%
- **7 PM - 12 AM:** M79 LCL (Sept 2016) = 5.2, M79 SBS (Sept 2018) = 4.3, -17%
Ridership

- M79 ridership had been decreasing in recent years, and continued to decline in the months before the conversion to SBS.
- Since its May 2017 launch, M79 SBS has reversed this decline and ridership is growing. After one year of SBS service, ridership increased by 9% (May 2017 to May 2018).

Year to Year Ridership Change - M79 vs. Manhattan
% Change from Same Month 1 Year Prior

- 2nd Ave Subway Opens
- M79 SBS Launch
Non-Bus Vehicle Travel Time

Average travel time has decreased by 8% for non-bus vehicles along the M79 route between Riverside Drive and Central Park West.*

Non-Bus Travel Time Westside, minutes
Eastbound

Non-Bus Travel Time Westside, minutes
Westbound

Source: INRIX RITIS. Travel time data uses closest available parameters (Riverside Drive and Central Park West)

*Extents: W 79th St from Riverside to Columbus Ave, Amsterdam from W 79th St to W 81st St, Columbus from W 79th St to W 81st St, and 81st from Amsterdam to CPW.
M79 SBS Capital Project

- The 79th Street SBS capital project aims to improve bus speeds, reliability, and pedestrian safety through various street design treatments along 79th Street.
  - Treatments will include:
    * Bus bulbs
    * Curb extensions
    * Bus pads
    * Pedestrian islands

<table>
<thead>
<tr>
<th>2019</th>
<th>2020-2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDC to begin initial design</td>
<td>Preliminary design</td>
<td>Final design</td>
</tr>
</tbody>
</table>
M79 SBS Capital Project Treatments

Pedestrian Island

Curb Extension

Bus Bulb
2018-19 Capital Project – West Side (CB 7)

- 3 bus bulbs
- 6 curb extensions
- 4 bus pads
- 1 pedestrian island
M79 SBS Capital Project – Site Examples

W 79th St at Broadway, SW corner will receive a bus bulb

W 79th St at Riverside Dr. curb extensions will be built out in concrete

W 79th St at Central Park West, NW corner will receive a curb extension

W 79th St at Amsterdam Ave, NE corner will receive two bus bulbs
Questions?