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Introduction
Why Gun Hill Road?

- 40,000 daily bus passengers
- Critical crosstown service with key connections to 2 5 D, many local bus routes, Montefiore Hospital, Co-Op City, Bay Plaza
- MTA Bronx Bus Network Redesign (implemented 2022)
  - 50+ outreach events
  - Community requests to improve Gun Hill Rd bus service
  - Named 1 of 10 key Bronx corridors for bus priority
Gun Hill Rd Bus Speeds

- **Slow and unreliable** bus service along Gun Hill Rd
- Buses move slow all day and **less than 5 mph** in the AM westbound, PM eastbound
- Peak-period trips take **15-17 minutes longer** than evening/overnight
- **Traffic congestion and double-parking** cause slowdowns
- Only 65% of Bx28/38 trips completed within 5 min of scheduled time

**Oct 2019**

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<td>3pm-7pm</td>
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Crash History

Injuries & Fatalities 2015-2019

- On average, nearly 5 people every week are injured in crashes on Gun Hill Rd
- In top 10% of most dangerous Bronx streets
- 64 severe injuries + 2 fatalities
- Vision Zero Priority Corridor
- Safety solutions:
  - Fix wide-angle left turns
  - Discourage speeding
  - Improve driver-pedestrian visibility
Community Feedback: On-Street Outreach

DOT held public outreach pop-ups and had conversations with over 100 bus riders & community members

• Wed, May 18 – Gun Hill Rd & Bainbridge Ave
• Fri, May 20 – Gun Hill Rd & White Plains Rd
• Mon, May 23 – Gun Hill Rd & Knapp St (5 train)
On-Street Outreach

Popular requests:
- Faster service
- More frequent, consistent service
- Less crowding on buses

Bus lanes can address all of these
On-Street Outreach: More Feedback

My Neighborhood Is/Mi Barrio es...

Wakefield
I ride the/Tomo el:
Bx28 Bx4655
I wish the bus would/Me gustaría que el autobús:
be more frequent & faster

My Neighborhood Is/Mi Barrio es...

Williamsbridge
I ride the/Tomo el:
Bx28, Bx30
I wish the bus would/Me gustaría que el autobús:
Timing and Schedule

My Neighborhood Is/Mi Barrio es...

Bx28
I ride the/Tomo el:
Eastchester
I wish the bus would/Me gustaría que el autobús:
Being on Time

My Neighborhood Is/Mi Barrio es...

Norwood (work)
I ride the/Tomo el:
Bx30, 34 616
I wish the bus would/Me gustaría que el autobús:
The buses are on-time, it's the traffic.

My Neighborhood Is/Mi Barrio es...

Tremont
I ride the/Tomo el:
30
I wish the bus would/Me gustaría que el autobús:
very slow. wait too long for it.

My Neighborhood Is/Mi Barrio es...

Castle Hill - Bx
I ride the/Tomo el:
Bx28, Bx30
I wish the bus would/Me gustaría que el autobús:
Traffic and congestion
Goals & Challenges

Goals:
• Make bus service fast, reliable and on-time
• Reduce crashes, injuries & fatalities
• Organize traffic movements

Challenges:
• Traffic congestion & double parking
• Broken street grid
• Bronx River Pkwy bottleneck

Source: Google Maps
Design
Corridor Segments

1. Bainbridge Av to Webster Av
   - Westbound center-running bus lane with 2 bus boarding islands
   - Eastbound offset bus lane
   - Implementation in Spring 2023

2. White Plains Rd to Bartow Av
   - Offset bus lanes in both directions
   - Pedestrian safety improvements at 20+ intersections
   - Implementation in Spring 2023

3. Webster Av to White Plains Rd (Bronx River Pkwy area)
   - Some implementation in Spring 2023 to complement rest of corridor
   - Bus priority proposal coming soon; implementation in late 2023/2024
Segment 2: Toolkit

Offset Bus Lane
Woodhaven Blvd, QN

Painted Pedestrian Space
Southern Blvd, BX

Concrete Pedestrian Space
Meeker Av, BK

Metered Parking
Boston Rd to Bouck Av

- New EB+WB left turn bays onto Boston Rd
- Painted curb extension
- EB bus lane drops 100’ before Givan Av/Pearsall Av
- Restrict WB left turn
- New concrete pedestrian island
- Painted curb extension (addresses missing sidewalk)
Bouck Av to Seymour Av

- Painted curb extensions throughout
- Add paint (slip lane already closed)
- New concrete curb extension
- WB bus lane shifts to curb
- EB+WB left turn bays onto Burke Av
- Relocated bus stop (closer to train)
Dewitt Pl to Arnow Av

- **Former bus stop location**

- **Bus lanes drop 100' before Dewitt Pl/Knapp St**

- **Painted curb extensions throughout**

- **Restrict SB left turn**

- **EB bus lane ends at Eastchester Rd**

- **EB+WB left turn bays onto Eastchester Rd**
Arnow Av to Gunther Av

Painted curb extensions

WB bus lane begins between Bartow Av & Kingsland Av

Painted curb extensions
Curb Regulations: Boston Rd to Eastchester Rd

- Repurpose 14 parking spaces to accommodate curbside bus lanes & passenger pickup/drop-off in front of the 5 train
- Add 7 new spaces adjacent to new pedestrian space, former bus stop
- 31 newly metered spaces on blocks with businesses
  - Ensure parking availability & reduce double parking
Curb Regulations: Eastchester Rd to Gunther Av

- Repurpose 8 parking spaces to accommodate new left turn bay onto Eastchester Rd
- Add 15 new spaces in former bus stops & adjacent to new pedestrian space
Traffic Analysis: What to Expect
White Plains Rd to Bartow Av

- Initially, notable congestion is likely as drivers adjust to Gun Hill Rd’s new design
- This is typical for bus lane projects; conditions will improve over time
  - Some drivers will use alternate routes, travel at less busy times of day, or use other means of travel
- Gun Hill Rd will receive substantially more green time, benefiting traffic
  - Pedestrians still have 30+ seconds to cross Gun Hill Rd (down from 50 seconds)
- **During AM & PM rush hour:**
  - With 10% fewer vehicles (1.5 per minute), traffic would be comparable to today
- We will monitor traffic during and after implementation and will consider additional changes as needed
Traffic Hotspots: White Plains Rd to Bartow Av

- Potential traffic hotspot locations for additional monitoring
Traffic Accommodations: White Plains Rd to Bartow Av

1. Left turn bays at 5 intersections
2. Bus lanes drop 100’ before 5 intersections
3. Left turn restrictions at 2 locations
4. Curb regulation improvements to reduce double parking
5. Third EB moving lane (curbside bus lane) from Laconia Av to Boston Rd
6. All vehicles use offset/curbside bus lane to turn right or access a driveway
7. Signal timing improvements

Existing: No bus lanes or left turn bays

Proposed: bus lanes and left turn bays/pockets
Timeline
**Project Timeline**

1. MTA Bronx Bus Network Redesign (implemented 2022): 50+ outreach events
2. Merchant survey w/ Jerome Gun Hill BID
3. Field observations & traffic data
4. April 2022: discuss existing conditions & needs with Community Advisory Board (CAB) and Community Boards 7, 11 & 12
5. May/June 2022: present draft proposal to CAB and CBs
6. September 2022: Present updated proposal to CAB
7. **Winter 2023**: Continue refining proposal; present updated proposal to elected officials, CAB & CBs
8. **Spring 2023**: Begin implementation
Thank You!

Open Discussion & Questions