Macombs Road
University Avenue to Jerome Avenue
School Safety Improvements
Presented to CB 5 | June 2020
Macombs Road
University Ave to Jerome Ave

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2019
- Priority Intersections, Corridors, and Areas identified for each borough
- Macombs Road, from University Ave to Jerome Ave, is located in a Priority Area
Macombs Road
University Ave to Jerome Ave

Project Area

- Corridor by students accessing PS 204, P723X, IS 232, IS X303 Leadership and Community Service, Academy for Language and Technology
- Dense residential neighborhood with retail on University Ave

- Complex intersection at Macombs Rd and University Ave poses safety issues for pedestrians accessing schools
- Access to the BX 18 on Macombs Rd, the BX3 and BX36 at University Ave and Macombs Rd, and the 4 train on Jerome Ave
Macombs Road
University Ave to Jerome Ave

Safety Data, 2013-2017

- 85 total injuries
- 1 severe pedestrian injury
- 1 pedestrian fatality
- 5 cyclist injuries
- # School Aged Pedestrians

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
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<tbody>
<tr>
<td>Macombs Rd - University Ave to Jerome Ave, BX</td>
<td>85</td>
<td>1</td>
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Fatalities, 01/01/2013-09/30/2019: 1

Source: Fatalities: NYSDOT
Injuries: NYSDOT
KSI: Person Killed or Severely Injured
Macombs Road
University Ave to Jerome Ave

Existing: Confusing Vehicular Circulation

Stop sign
Yield sign obscured by parked vehicles
Large areas of channelization are confusing for northbound traffic on Macombs Rd

Existing: Macombs Rd, facing north
Macombs Road
University Ave to Jerome Ave

Existing: Confusing Intersection with Excessive Channelized Space

- Conflicts between vehicles and pedestrians
- Channelized space encourages illegal parking and layover activity

Existing: Macombs Rd at University Ave, facing north
Macombs Road
University Ave to Jerome Ave

Existing: Long Distances Between Crossings

Existing: University Ave, facing north
Few marked crossings facilitate midblock and unprotected crossings

Existing: University Ave at Macombs Rd, facing east

Academy for Language and Technology

PS 204
Macombs Road
University Ave to Jerome Ave

Existing: Crowded Sidewalks

Limited space on sidewalk creates crowding and prohibits social distancing practices

Existing: Entrance of PS 204, facing south

Existing: Entrance of PS 204, facing north
**Proposal: Organize Roadway and Improve Pedestrian Connections**

**Macombs Road**
University Ave to Jerome Ave

- **Consolidating northbound Macombs Rd traffic to one lane simplifies complex intersection**
- **New crossings improve pedestrian connections**
- **Traffic consolidation discourages double parking and bus layovers**

*Pedestrian-only zone eliminates conflicts with vehicles and provides needed space for social distancing*

*New bus boarding island provides easier boarding for bus riders and more space for social distancing*
Macombs Road
University Ave to Jerome Ave

Proposal Detail: Future Asphalt Art *

Example: Thiernot Ave at PS 69, BX

Closing a slip lane to vehicular traffic with asphalt art creates vibrant pedestrian-only zone for social distancing and improves connections

Granite blocks and delineators enforce boundaries

* Note: Art is not guaranteed. Safety improvements could be implemented prior to asphalt art. This site will be considered for a 2021 asphalt art installation.
**Macombs Road**
University Ave to Jerome Ave

**Existing: Bus Congestion During Arrival & Dismissal**

High volumes of buses are unable to access the curb to discharge student riders, causing double- and triple-parking

Existing: Macombs Rd, facing north towards University Ave
Proposal: New Loading Zones

New and Expanded School Loading Zones

Relocated Teacher Parking

Existing BX18 bus stop

New school loading zones on W 176th St will alleviate congestion on Macombs Rd and University Ave

Teacher parking relocated onto Harrison Ave

Expanded loading zone on W Tremont Ave

New school loading zones on Macombs Rd and University Ave will alleviate congestion
Macombs Road
University Ave to Jerome Ave

Existing: No Dedicated Space for Bikes

No dedicated space for cyclists

Existing: Macombs Rd at Goble Pl, facing south
Macombs Road
University Ave to Jerome Ave

Proposal: Standard Bike Lane

Existing: Macombs Rd at Cromwell Ave

New standard bike lanes provide dedicated space for cyclists

Example: Loring Ave, BX
Macombs Road
University Ave to Jerome Ave

Existing: Skewed Intersections and Long Crossing Distances

Long crossings for pedestrians

Unmarked pedestrian crossing

Existing: Nelson Ave at Macombs Rd

Existing: Plaza Dr at Macombs Rd
Proposal: Shorter, Safer Pedestrian Crossings

Macombs Road
University Ave to Jerome Ave

New painted curb extensions improve pedestrian visibility and reduce pedestrian crossing distances.

Example: Painted Curb Extension, 9th Ave, BK
Proposal: Slower, Safer Vehicular Turns

Channelization narrows the roadway, organizes traffic movements, and creates slower, safer vehicular turns.
Thank You!

Contact: NYCDOT Bronx Borough Commissioner’s Office – (212) 748-6680