Background

Resident population in Williamsburg exponentially increasing

Several Community requests for safety improvements along Meeker Ave

Disjointed neighborhood separated by Brooklyn-Queens Expwy
Safety Data

50 Total Motor Vehicle Injuries
24 Total Pedestrian Injuries
16 Total Bicycle Injuries
Rapid Response Toolkit

- Neckdowns
- Pavement markings
- Signal timing changes
- Signage
- Painted and/or textured surfaces
- Flexible delineators
(1) Existing – Union Ave

Pedestrian desire lines
(1) Existing – Union Ave

- Meeker at Union looking east
  - Turning conflicts

- Meeker Ave/Union Ave looking south
  - Excessive travel lanes encourages speeding

- Meeker at Union looking west
  - Lack of crosswalks

- Meeker at Union looking north

(1) Existing – Union Ave
(1) Proposed – Union Ave

New sidewalk extensions
(1) Proposed – Union Ave

- New lot entrances on Meeker
- Close parking lot entrances on Union Ave
Proposed – Parking entrances

Entrances on Union/Metropolitan and Lorimer to be closed

New two-way parking entrances along Meeker Ave
(1) Proposed – Union Ave

New crosswalks
Signal timing changes provide more time for Union Ave and pedestrians

BQE Off-ramp and Meeker simultaneous green

Proposed – Union Ave
Restrict 2 turns

(1) Proposed – Union Ave
Reduce Meeker (southbound) from 3 to 2 lanes

(1) Proposed – Union Ave
(1) Proposed – Union Ave
Existing – Metropolitan Ave
Meeker to Marcy Ave

Metropolitan at Marcy looking east

Wide highway like lanes

Unprotected crossings

Meeker Ave/N.6th/Metropolitan
Excessively wide lanes
Creates highway atmosphere
Proposed – Metropolitan Ave
Meeker to Marcy Ave
Clarified lanes on Meeker Ave

(2) Proposed – Metropolitan Ave
Meeker to Marcy Ave
(2) Proposed – Metropolitan Ave
Meeker to Marcy Ave

New sidewalk extensions
New lot entrances on Meeker

Close parking lot entrance on Metropolitan Ave
Proposed – Metropolitan Ave
Meeker to Marcy Ave

Investigating LPI at Marcy Ave
(2) Proposed – Metropolitan Ave
Meeker to Marcy Ave

Retain No Standing Regulation
(2) Proposed – Metropolitan Ave
Meeker to Marcy Ave
(3) Existing – Metropolitan Ave
Union to Meeker

Long crossings
(3) Existing – Metropolitan Ave
Union to Meeker

- One lane in each direction
- Damaged sidewalk
- Metropolitan Ave
- Macri Triangle
- B24
- Q59
- Rodney St
- Union Ave
- (Parking lots)
- Brooklyn-Queens Expwy
Proposed – Metropolitan Ave
Union to Meeker

SCHOOL

Macri Triangle

Metropolitan Ave

Rodney St

Brooklyn-Queens Expwy
(Parking lots)

Meeker Ave

Union Ave
(3) Proposed – Metropolitan Ave
Union to Meeker

New neckdown
Current Q59 bus route

Proposed – Metropolitan Ave
Union to Meeker

Metropolitan Ave
Brooklyn-Queens Expwy
(Parking lots)

Meeker Ave
Union Ave

Q59 Bus Stop
Proposed – Metropolitan Ave
Union to Meeker

Reroute Q59 to Metropolitan

Brooklyn-Queens Expwy
(Parking lots)

Meeker Ave

Union Ave

Q59 Bus Stop

Metropolitan Ave
Proposed – Metropolitan Ave
Union to Meeker

Add 2\textsuperscript{nd} westbound lane
(3) Proposed – Metropolitan Ave
Union to Meeker

- Add 2nd westbound lane
- Investigating left turn lane and signal from Union
- Reroute Q59 to Metropolitan
(4) Existing – Metropolitan Ave at N.5th Street

Long unprotected crossings

Unpredictable turning movements
(4) 1st Proposal – Metropolitan Ave at N.5th Street

Reverse Havemeyer to northbound

Close slip
Proposed Update – Metropolitan Ave at N.5th Street
Proposed Update – Metropolitan Ave at N.5th Street

Reverse Havemeyer to two way

New neckdowns
Proposed Update – Metropolitan Ave at N.5th Street

Reverse Havemeyer to two way
Project Benefits

- Reduce conflicts for motorists
- Improve intersection processing
- Reduce pedestrian/vehicle conflicts
- Shorten crossings
- Improve pedestrian access
- Clarify vehicular movements
Summary

Section 1
• Remove one through travel lane on Meeker Ave southbound from Union Ave to Metropolitan Ave
• Reconfigure traffic signal timing on Meeker Ave at Union Ave
• Investigate new traffic signal at Union Ave and Jackson St
• Restrict right turn from BQE off-ramp at Union/Meeker Ave and left turn from Meeker Ave S/B at Union Ave for new signal configuration
• Install painted neckdown on Skillman Ave at Meeker Ave
• Build neckdown at Jackson St/Meeker Ave
• Build neckdown at Meeker Ave Southbound at Union Ave
• Add crosswalk across Meeker Ave at Union Ave N/E side
• Remove one through travel lane on Meeker Ave southbound from Union

Section 2
• Close parking entrances under BQE at Metropolitan Ave and Union Aves and create entrances along Meeker Ave
• Build neckdown at Meeker Ave/N.6thSt/Metropolitan Ave
• Build neckdown at Marcy Ave at Metropolitan S/E corner

Section 3
• Build neckdown at Meeker Ave at Metropolitan Ave N/E corner
• Relocate Q59 bus stop from Union Ave at Metropolitan Ave to Metropolitan Ave between Union and Meeker Aves
• Add additional travel lane on Metropolitan W/B from Union to Meeker Aves

Section 4
• Build neckdowns at Metropolitan Ave and N.5th; & Metropolitan Ave and Havemeyer Ave
• Reverse Havemeyer St to two-way between N.5th St and Metropolitan Ave