Fort Hamilton Pkwy, New Utrecht Ave & 44 St
School Safety Improvements
Presentation for CB 12 | January 2020
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

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
- Located in a Priority Area
- Senior Safety Area
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Project Area

- Complex intersection used by students accessing PS 131
- Dense residential and commercial land uses on Fort Hamilton Pkwy and New Utrecht Ave
- Access to the D train (Fort Hamilton Pkwy stop)
- Gas station across the street from PS 131 facilitates unpredictable vehicular movements
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Safety Data, 2013-2017

- 36 Total Injuries
- 30% of injuries were pedestrians
- 1 of those injured was a school-aged pedestrian

Fort Hamilton Pkwy - New Utrecht Ave to 44 St, BK

<table>
<thead>
<tr>
<th></th>
<th>Total Injuries</th>
<th>Severe Injuries</th>
<th>Fatalities</th>
<th>KSI</th>
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<td>Pedestrian</td>
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<tr>
<td>Bicyclist</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<tr>
<td>Total</td>
<td>36</td>
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</table>

Fatalities, 01/01/2013-7/29/2019: None

Source: Fatalities: NYCDOT
Injures: NYSDOT
KSI: Persons Killed or Severely Injured

*Map does not include total or severe injuries that occurred at midblock locations. Data is based off of NYSDOT/NYSDMV crash and injury data available as of 11/2019.
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Existing: Few Pedestrian Connections and Limited Refuge

Pedestrian Island is not ADA accessible and does not provide adequate refuge

Existing: Fort Hamilton Pkwy at 44th St, facing southwest

Existing: Fort Hamilton Pkwy at 44th St, facing northeast
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Existing: Turning Vehicles Create Conflicts with Pedestrians

Vehicles turning left from SB New Utrecht Ave onto SB 44th St obstruct the crosswalk
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Proposal: New Crossings and Curb Extensions

New curb extensions provide refuge for pedestrians

New expanded pedestrian island provides refuge for pedestrians

New crossings improve pedestrian connections at the intersection

PS 131
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Proposal Detail: Concrete Curb Extensions

- Shorten pedestrian crossings
- Control vehicle turns
- Increase pedestrian visibility under elevated structure

Example: Park Ave, MN

Example: Caton Ave, BK
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Proposal: Ban Low Volume Turns to Simplify Intersection

- Ban low volume turns to simplify movements at complex intersection
- Ban LT from SB New Utrecht Ave onto 44th St
- Ban RT from 44th St onto Fort Hamilton Pkwy
- Ban RT from SB Fort Hamilton Pkwy onto NB New Utrecht Ave

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Proposal Detail: Diversion Route 1

Left turn from SB New Utrecht Ave onto 44th St diverted onto 42nd St
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Proposal Detail: Diversion Routes 2

Right turn from 44th St onto Fort Hamilton diverted onto New Utrecht Ave
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Proposal Detail: Diversion Route 3

Right turn from SB Fort Hamilton onto NB New Utrecht Ave diverted onto 43rd St

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Proposal: Left Turn Traffic Calming Creates Safer Crossings

Rubber speed bumps prevent fast, wide angle turns

Resulting turns are slower with fewer conflicts with pedestrians
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Proposal Detail: Left Turn Traffic Calming Creates Safer Crossings

- Prevent fast, wide angle left turns
- Fewer conflicts with pedestrians in the crosswalk
- Reduced pedestrian injuries caused by left-turning vehicles

Example: Metropolitan Ave & Rentar Pl, QN

Example: Fresh Pond Rd & Woodbine St, QN
Fort Hamilton Pkwy, New Utrecht Ave & 44 St

Existing: Gas Station Facilitates Unpredictable Movements

Vehicles exiting gas station create conflicts for pedestrians in crosswalk and oncoming traffic.
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Proposal: Simpler, Consolidated Driveways

Consolidated driveways make vehicular movements more predictable and discourage vehicles from driving on the sidewalk.

Protect pedestrians on sidewalk and organize vehicular movements with granite blocks.

Example: 4th Ave and 30th St, BK
Thank You!

Contact: NYCDOT Brookyn Borough Commissioner’s Office – (646) 892-1350