Broadway, 41st Ave to Baxter
Pedestrian Safety Improvements

Presented by the Pedestrian Projects Group on February 22, 2016 to Queens CB 4 Transportation Committee
Project Background

- Broadway is a Vision Zero corridor and location is in a Vision Zero priority area
- Council Member Dromm has requested safety improvements around Elmhurst Hospital
- Pedestrian fatality occurred on Broadway at 79th St midblock crossing (2013)
Proposal Areas

1. 78th St
2. 80th St
3. 41st Ave
4. Broadway
5. Baxter Ave
6. Layton St
7. Ketcham St
EXISTING: Broadway, 41st Ave, and 77th St

- Missing crosswalks
- Left turning vehicles cause congestion
- Vehicle and pedestrian conflicts
- Long crossings
PROPOSED: Broadway, 41st Ave, and 77th St

Actions:
- Build concrete sidewalk extension on NE corner of 77th St and Broadway
- Install painted sidewalk extension on NW corner 41st and Broadway
- Install left-turn bays on Broadway between 76th St and 77th St
- Reverse 41st Ave between 76th St and 77th St
- Add third signal phase and mark two new pedestrian crosswalks
- Mark high visibility crosswalks
### EXISTING PROPOSED

#### Benefits:
- Increases pedestrian space
- Shortens and improves crossings

#### Actions:
- Build concrete sidewalk extension on NE corner of 77th St and Broadway
- Install painted sidewalk extension on NW corner 41st and Broadway
- Reverse 41st Ave between 76th St to Broadway
**Benefits:**
- Reduce turning conflicts
- Reduce congestion and pressure on turning vehicles

**Actions:**
- Install left-turn bays
- Reverse 41st Ave between 76th St and 77th St
**EXISTING: Signal Timing**

**PROPOSED: Signal Timing**

**Benefits:**
- New crosswalks
- Increased pedestrian crossing time

**Actions:**
- Third signal phase for pedestrian crossing
Proposal Areas

1. 78th St
2. 79th St
3. 80th St
4. 41st Ave
5. 51st St
6. 77th St
7. Broadway
8. Baxter Ave
9. Ketcham St
10. Layton St
EXISTING: 41st Ave and 80th St

- Wide one-way street
- Lack of pedestrian crossing at hospital entrance
- Unclear parking markings
**PROPOSED: 41st Ave and 80th St**

**Benefits:**
- Creates a safer pedestrian crossing
- Formalizes how vehicles park today
- Calms and organized traffic

**Actions:**
- Enhanced crossing at 80th St
- Perpendicular parking for loading and unloading
- Parking lane strips
Proposal Areas
• Pedestrian fatality in 2013
• Marked as two moving lanes with insufficient road width
• Double parking in front of hospital entrance reduces visibility and limits access
PROPOSED: Broadway Midblock Crossing

Actions:
- Construct concrete safety island
- Curb regulation changes to better accommodate loading and unloading

Benefits:
- Calms traffic and provides pedestrian refuge
- Reduces double parking at crosswalks