• Astoria Blvd is in a Vision Zero Priority Area
• 81st St, 82nd St, 90th St, and 108th St are Vision Zero Priority Corridors
• Requests from: CM Julissa Ferreras-Copeland and CM Costa Constantinides AM Michael DenDekker and AM Jeffrion Aubry

Proposal Approved in Spring 2015
2016 Proposal
2016 Corridor Wide Changes
Fall 2015 Workshop for Future Project
Capital Improvements
Safety Enhancements Approved in Spring 2015

- Extend Median
- Curb Extension
- Reverse one block of Humphreys St
- New Intersection
- Extend Medians, close turn bay
- New Intersection
2016 Proposal Area

Corridor Wide
77th St - Ditmars

1

Ditmars Blvd

108th St

105th St

77th St

79th St

2

3
1. Remove rush hour regulation on south side of Astoria Blvd, allowing parking at all times except during Alternate Side Parking
2. Add parking lane line on north and south sides of Astoria Blvd

Rush hour regulation not used due to loading vehicles, creates open highway feel

Affects approximately 150+ parking spots
Existing Conditions

- Four lanes going thru into 3 full time receiving lanes and 1 rush hour lane
- Unclear lane designation and large, open intersection
- Rush hour lane creates unsafe merge during off peak
- Uncontrolled crossing against four lanes of heavy traffic
Proposal – 77th to 79th St

- Signal at 79th St under study
- Clear curb at all times providing 4 receiving lanes
- Provide dedicated left turn lane and combo lane for NW bound traffic
- Maintain three thru lanes to Astoria Blvd, shifting lanes around parking
- Formalize NSA on south side of curb
- Install tuffkurb preventing NB thru movement
- All NB 79th St traffic forced right onto Astoria Blvd
2016 Project Area

Corridor Wide
77th St - Ditmars

1

2

3

105th St
108th St
Ditmars Blvd
77th St
79th St
8th St

Astoria Blvd and 105th St

Existing conditions looking Northeast

Channelized Median Tip
Astoria Blvd and 105th St

Existing conditions looking North

Sub-standard cut-thru and angled crosswalk
Astoria Blvd and 105th St

Existing

Angled crosswalk and sub-standard median

Channelized median tip

Proposed

Build out median in concrete

Straighten crosswalk and close cut-thru

Upgrade Crosswalks to Hi-Visibility
Astoria Blvd and 105th St

- Create three phase signal to separate north/south movements and reduce vehicular conflicts

Existing

North/South goes at same time

Proposed

Southbound Phase

Northbound Phase
Astoria and 108th St

- No left turn bay
- Left turning drivers forced to Ditmars Blvd where signage is unclear
- Community requested improved access to East Elmhurst for eastbound drivers

Existing conditions looking west
Astoria Blvd and 108th St

Existing

Left turn prohibited

Proposed

Upgrade Crosswalks to Hi-Visibility

Add left turn bay

Clarified lane assignments

NORTH
Astoria Blvd and Ditmars Blvd

Long Crossing

Existing conditions looking north

110’

Angled geometry allows for high speed turns
Existing Conditions at Ditmars Blvd

- Triangle does not sufficiently accommodate pedestrians
- Low volume, permitted left turn but no turn bay and unclear signage
- 111th St misaligned with Ditmars Blvd
- Angled geometry creates long crosswalk
Expand triangle

Pull back median

Ban left turn

Align Ditmars Blvd with 111th St

Upgrade Crosswalks to Hi-Visibility

Construct curb extension, shortening crossing and slowing turn
Summary

Astoria Blvd - 79th St to Ditmars Blvd
1. Remove rush hour regulation on south side, allowing parking at all times
2. Add parking lane line on north and south sides of Astoria Blvd

77th St
1. Remove parking along Astoria Blvd between 77th St and 79th St
2. Create dedicated left turn northbound lane and combo lane at 79th St
3. Ban northbound 79th St thru movement

105th St
1. Create three phase signal
2. Extend east median tip and realign west crosswalk

108th St
1. Add left turn bay for eastbound Astoria Blvd

Ditmars Blvd
1. Expand northwest triangle
2. Pull back west median and ban eastbound left turn
3. Construct curb extension on northeast corner
4. Extend eastern median
2016 Implementation

- 77th St to 79th St
- 99th St to 105th St
- 105th St to Ditmars Blvd

- Proposal Approved in Spring 2015
- 2016 Proposal
- 2016 Corridor Wide Changes
Community Workshops

December 2\textsuperscript{nd}, 2015 workshop hosted by Councilmember Constantinides

April 16\textsuperscript{th}, 2015 workshop hosted by Councilmember Ferreras-Copeland

Developed proposals using $800,000 allocated by Councilmember Ferreras-Copeland for capital improvements

Identifying concerns and developing proposals following workshop hosted by Councilmember Constantinides
Close slip lane

Capital Funding provided by Councilmember Ferreras-Copeland
www.nyc.gov/dot

Thank You