

Astoria Boulevard



Background

- 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

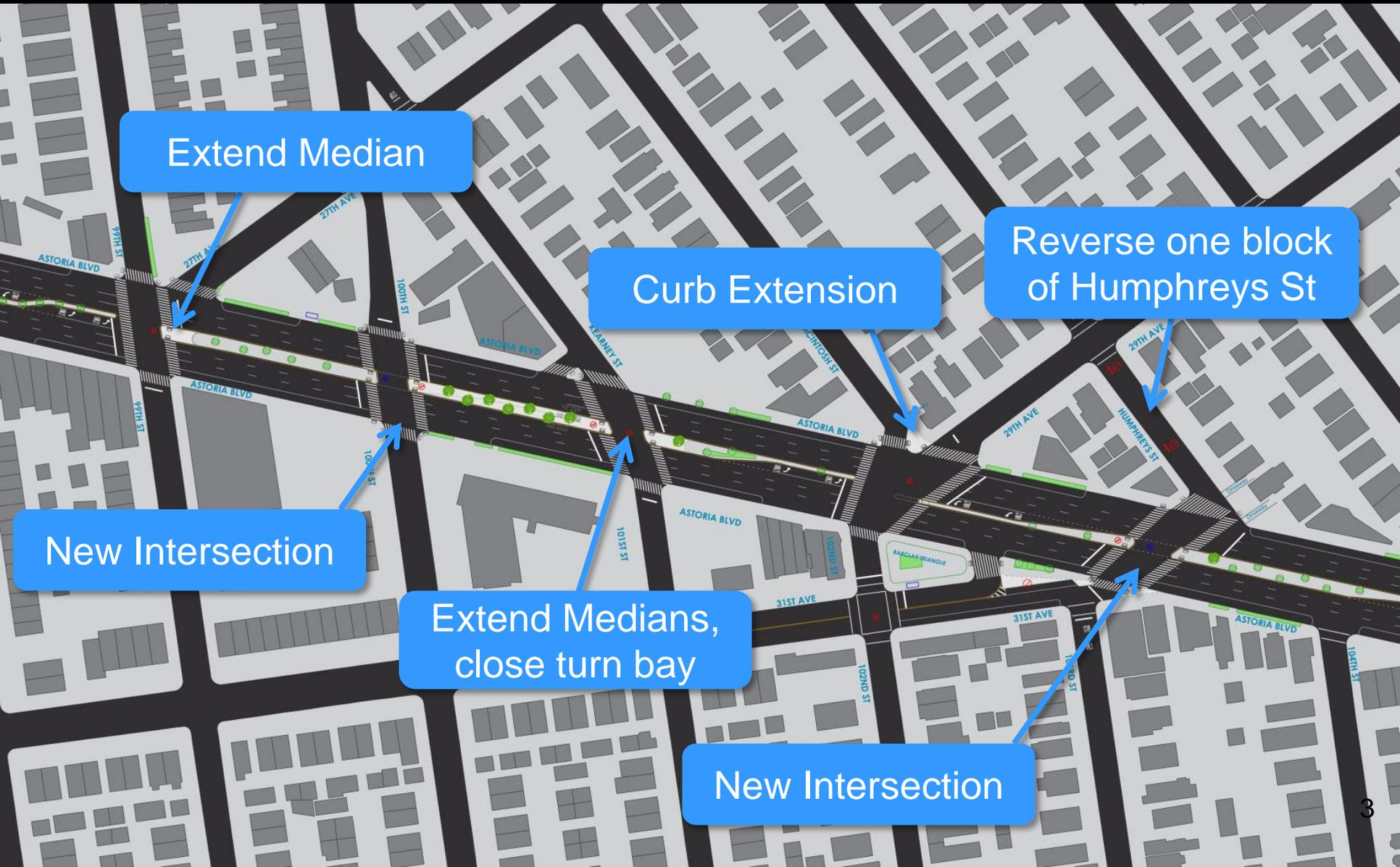


77th St to 79th St

99th St to 105th St

105th St to Ditmars Blvd

Safety Enhancements Approved in Spring 2015



Extend Median

Curb Extension

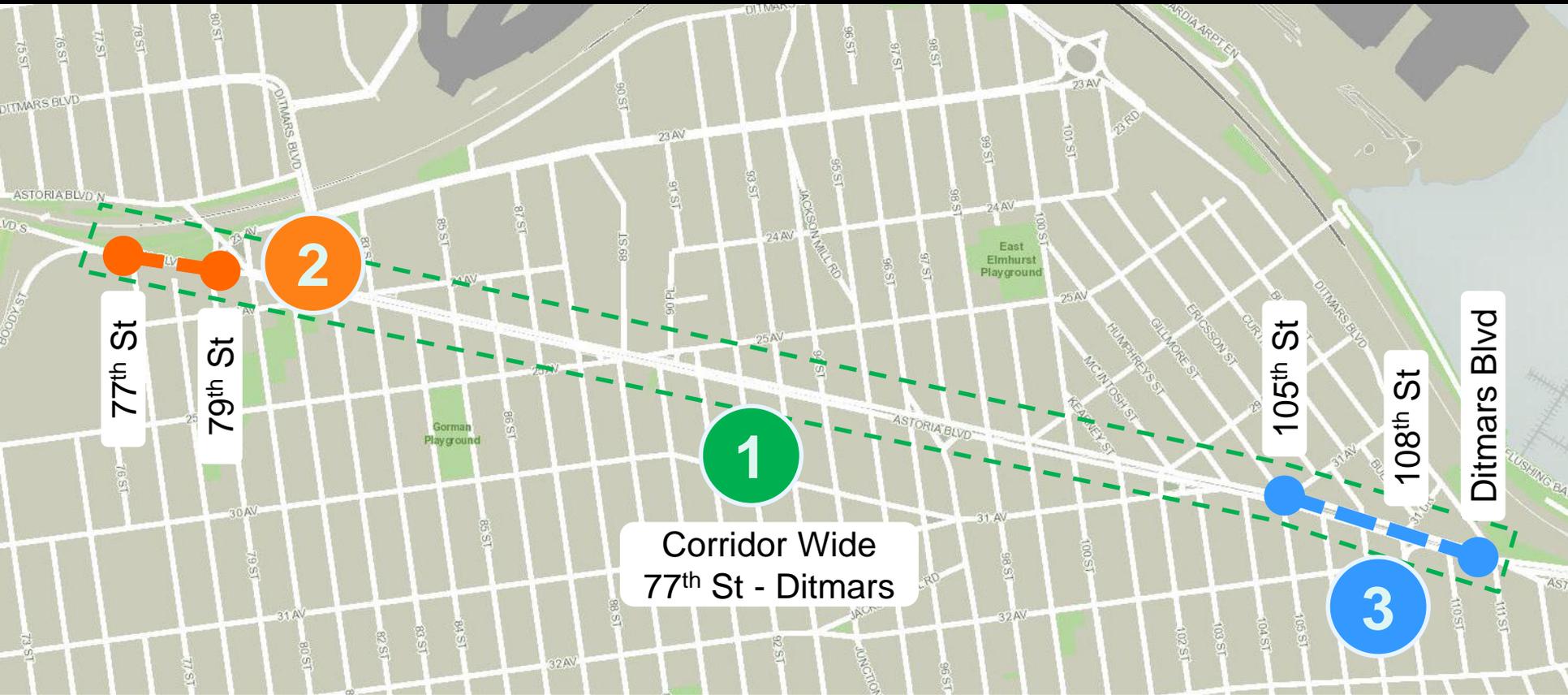
Reverse one block of Humphreys St

New Intersection

Extend Medians,
close turn bay

New Intersection

2016 Proposal Area

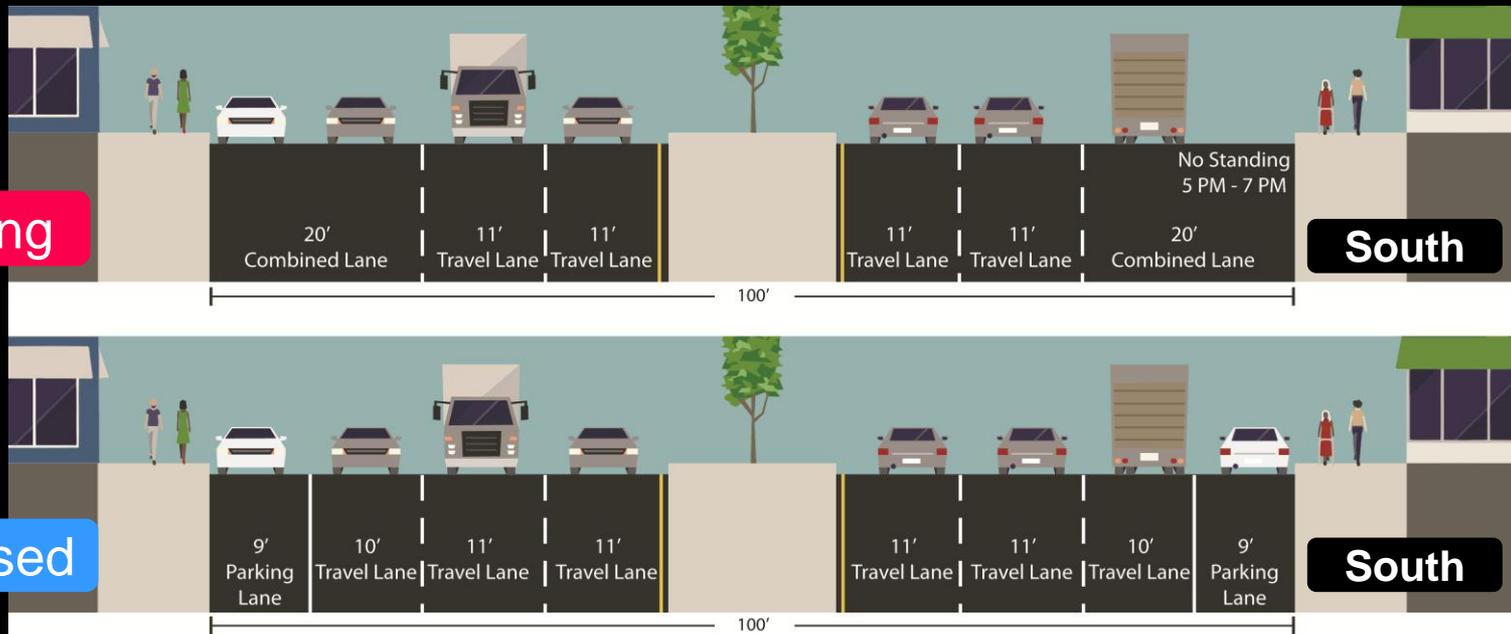


1 Corridor Wide Changes

Affects approximately 150+ parking spots

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

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

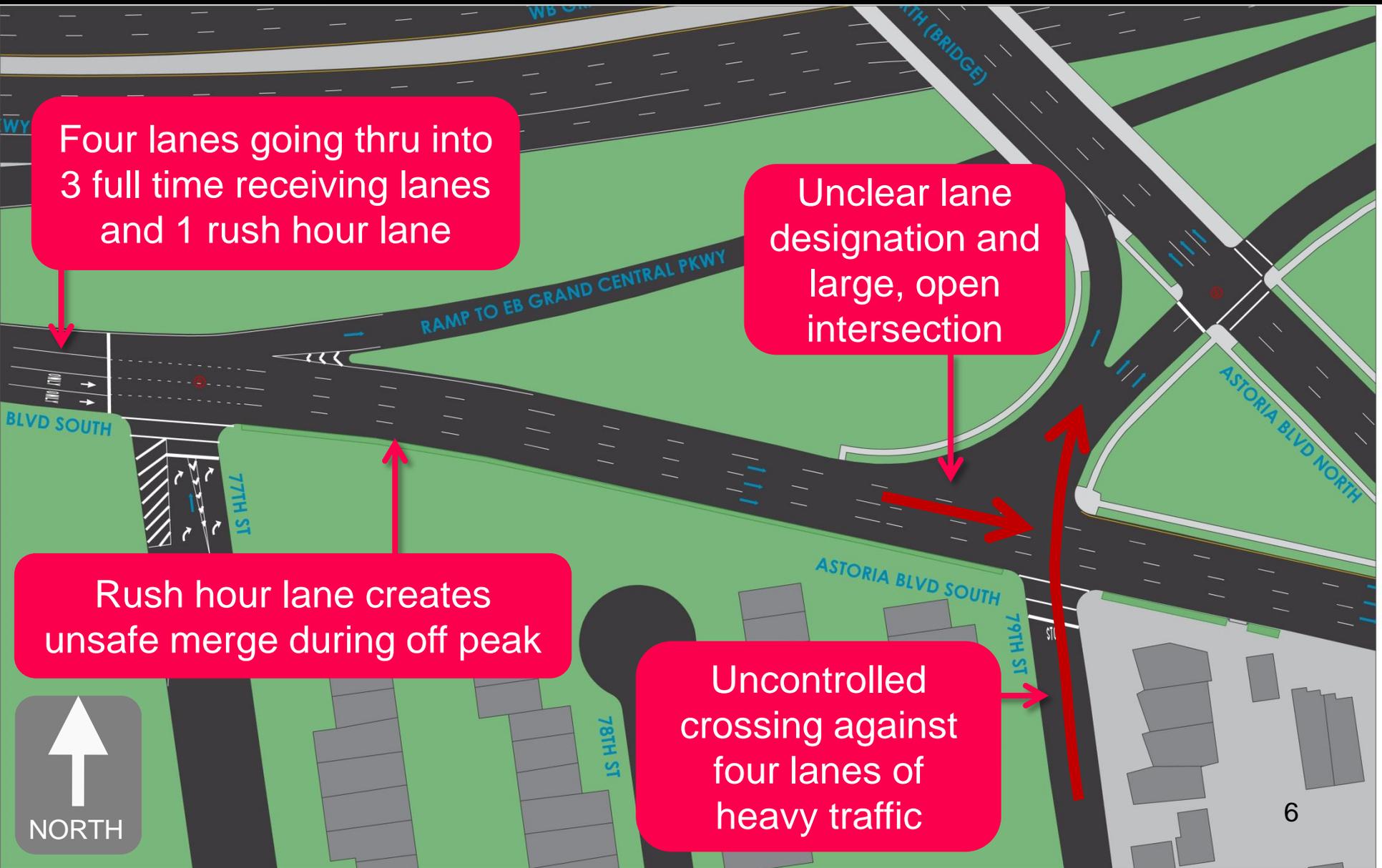


79th St

Ditmars Blvd

2

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



2

Proposal – 77th to 79th St

Formalize NSA on south side of curb

Signal at 79th St under study

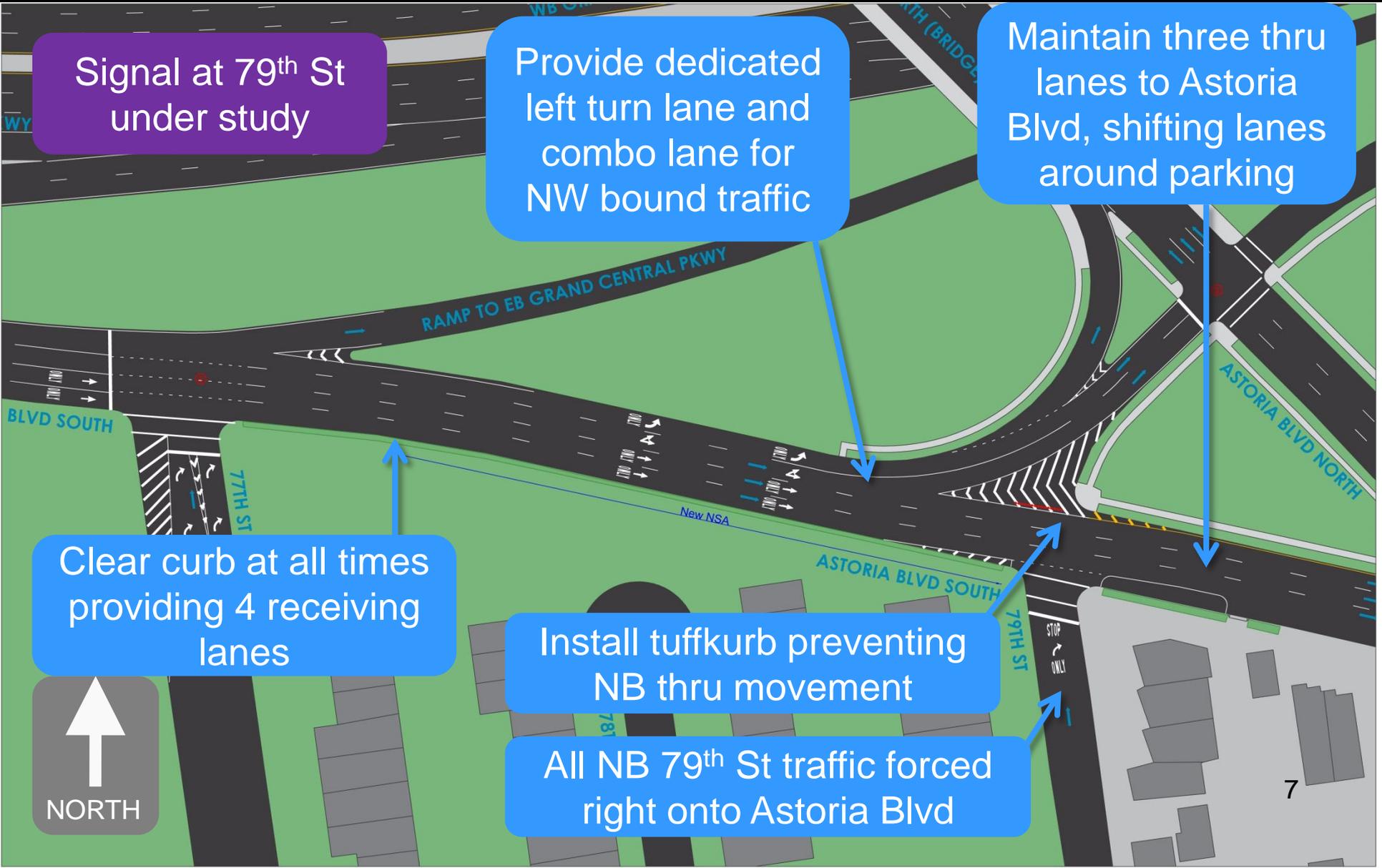
Provide dedicated left turn lane and combo lane for NW bound traffic

Maintain three thru lanes to Astoria Blvd, shifting lanes around parking

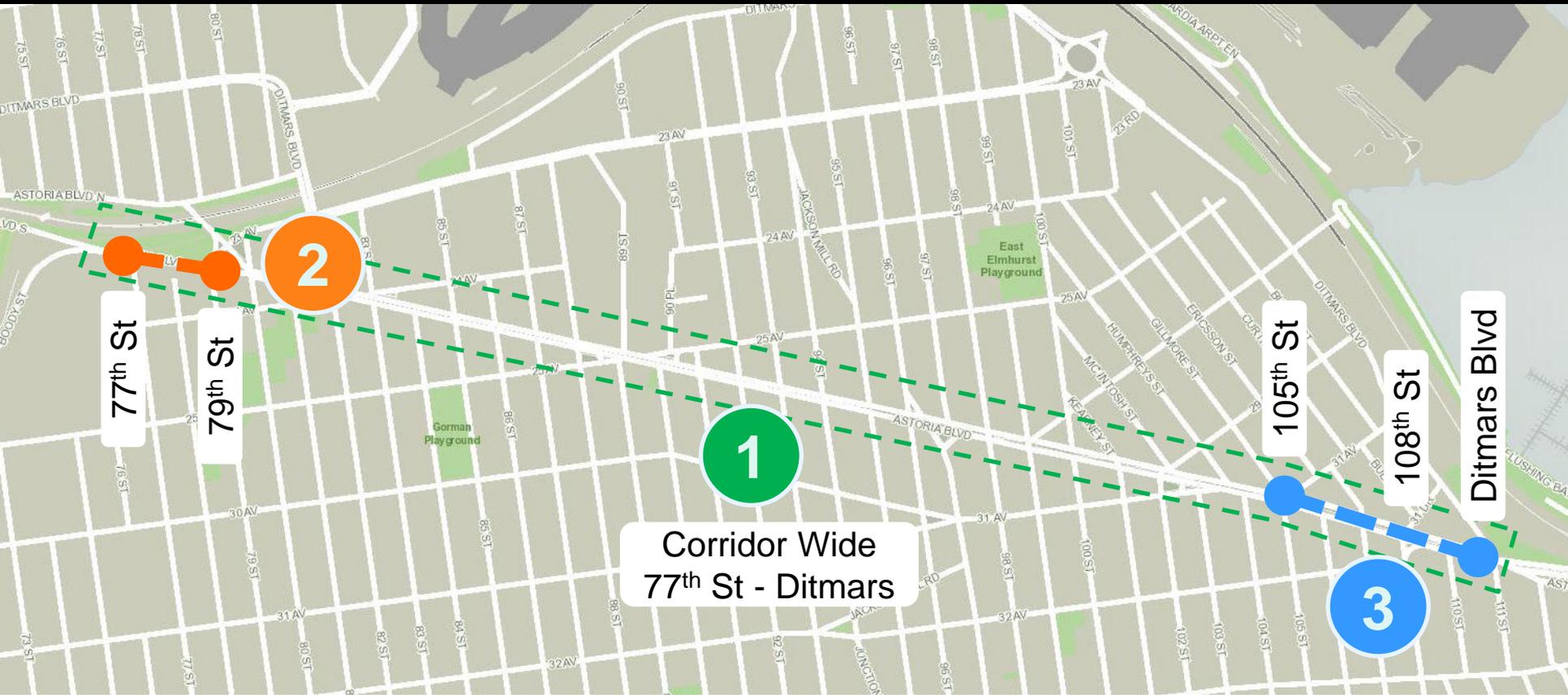
Clear curb at all times providing 4 receiving lanes

Install tuffkurb preventing NB thru movement

All NB 79th St traffic forced right onto Astoria Blvd

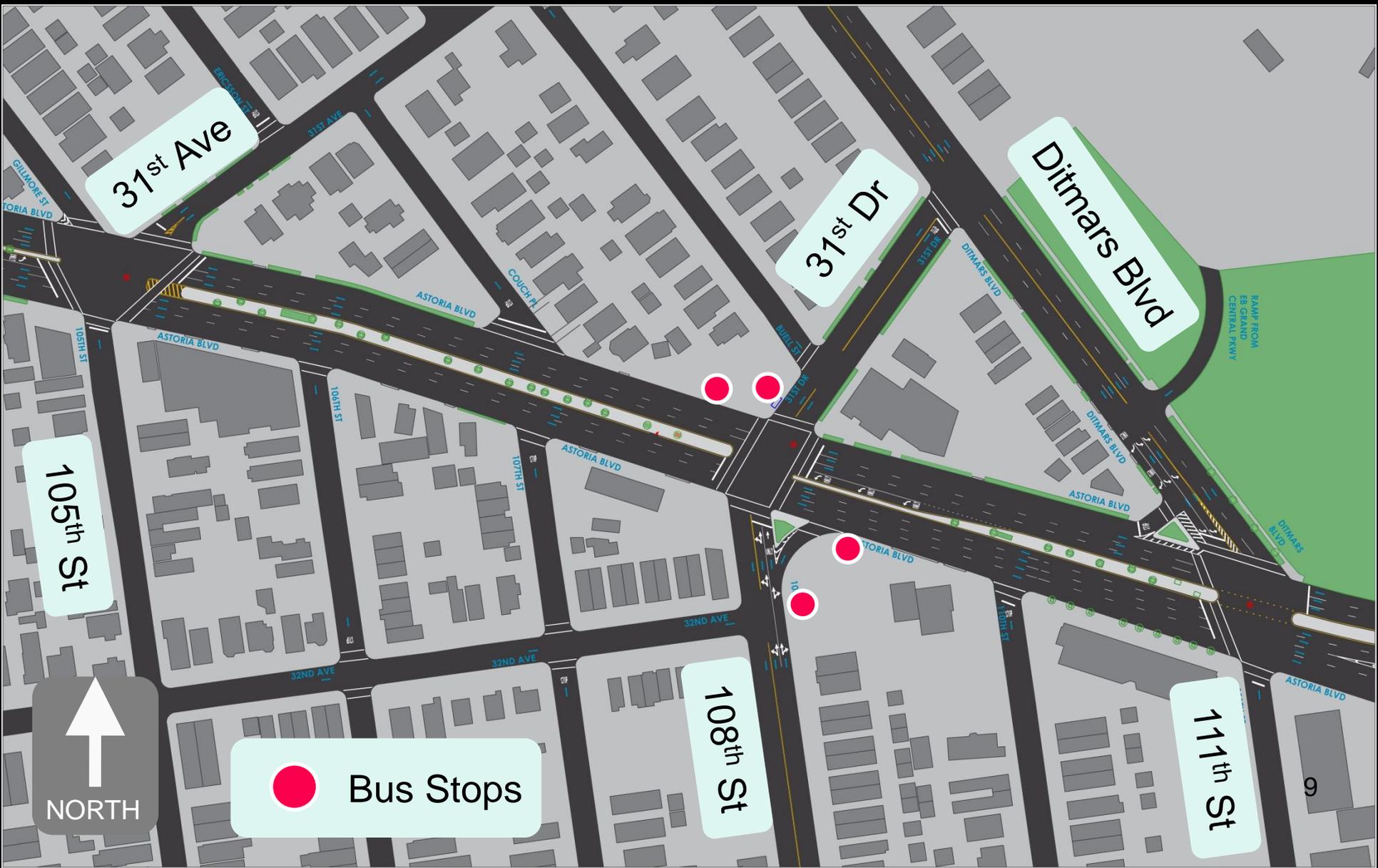


2016 Project Area



Project Area – 105th St to Ditmars Blvd

3



Astoria Blvd and 105th St



Channelized Median Tip

Existing conditions
looking Northeast

Astoria Blvd and 105th St

Sub-standard cut-thru
and angled crosswalk



Existing conditions
looking North

Astoria Blvd and 105th St

Upgrade Crosswalks to Hi-Visibility

Existing

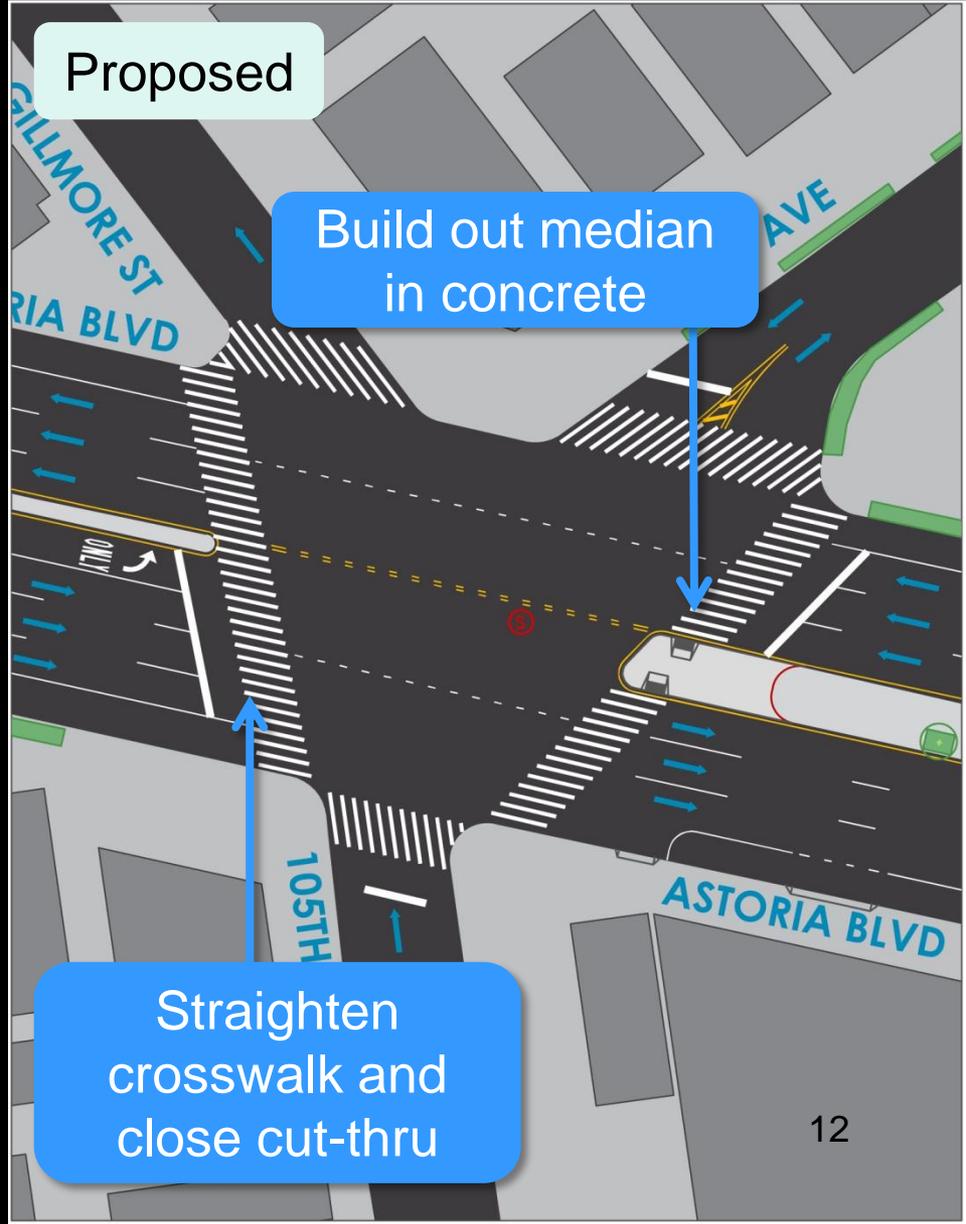
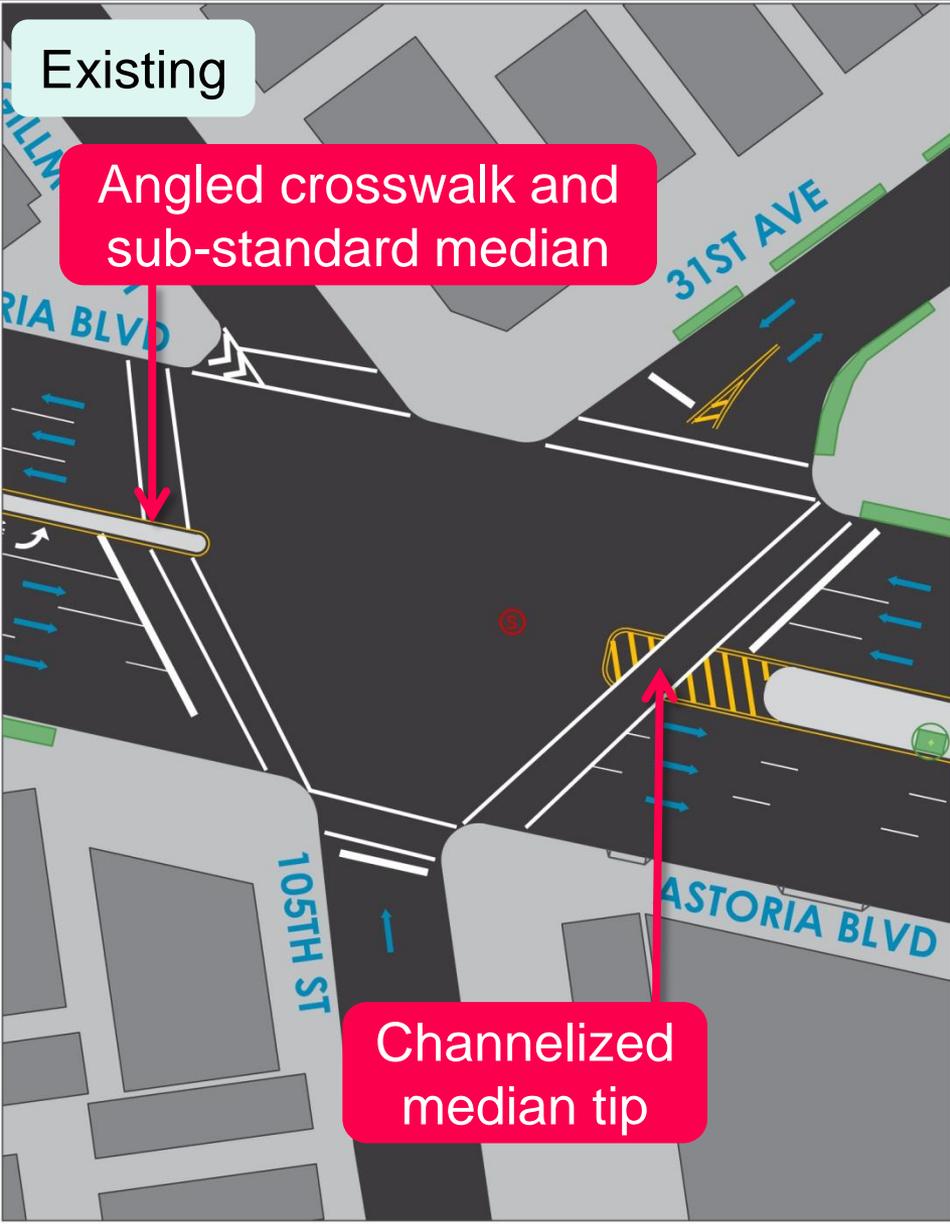
Angled crosswalk and sub-standard median

Channelized median tip

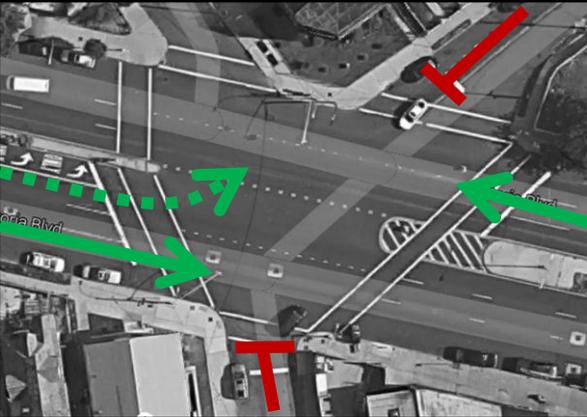
Proposed

Build out median in concrete

Straighten crosswalk and close cut-thru



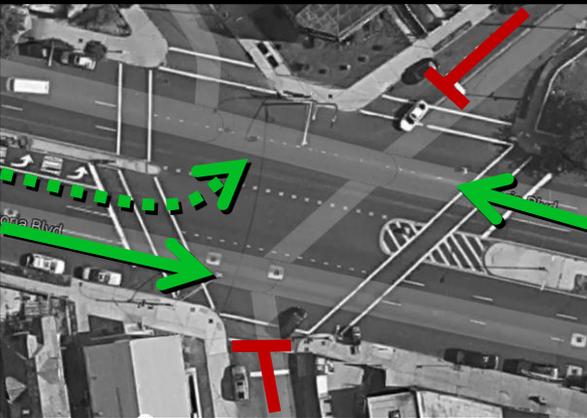
Astoria Blvd and 105th St



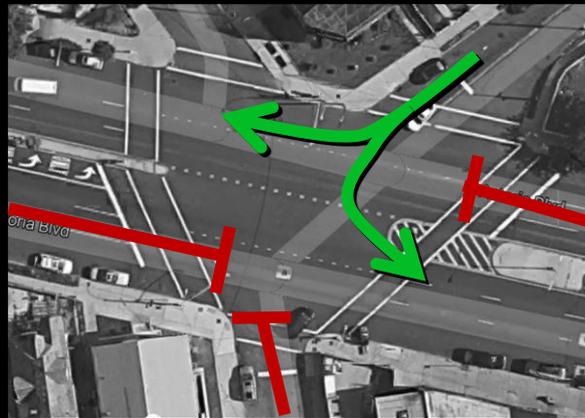
Existing



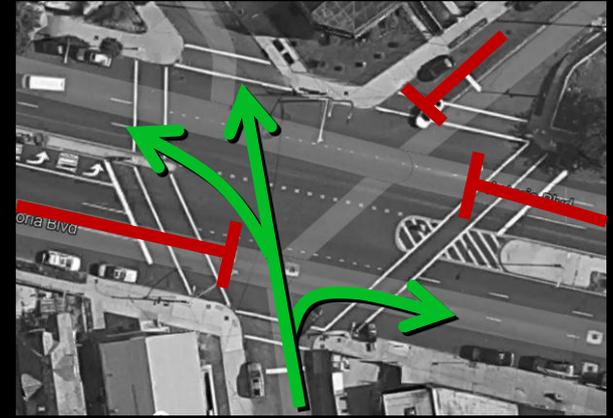
North/South goes at same time



Proposed



Southbound Phase



Northbound Phase

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

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

Upgrade Crosswalks to Hi-Visibility

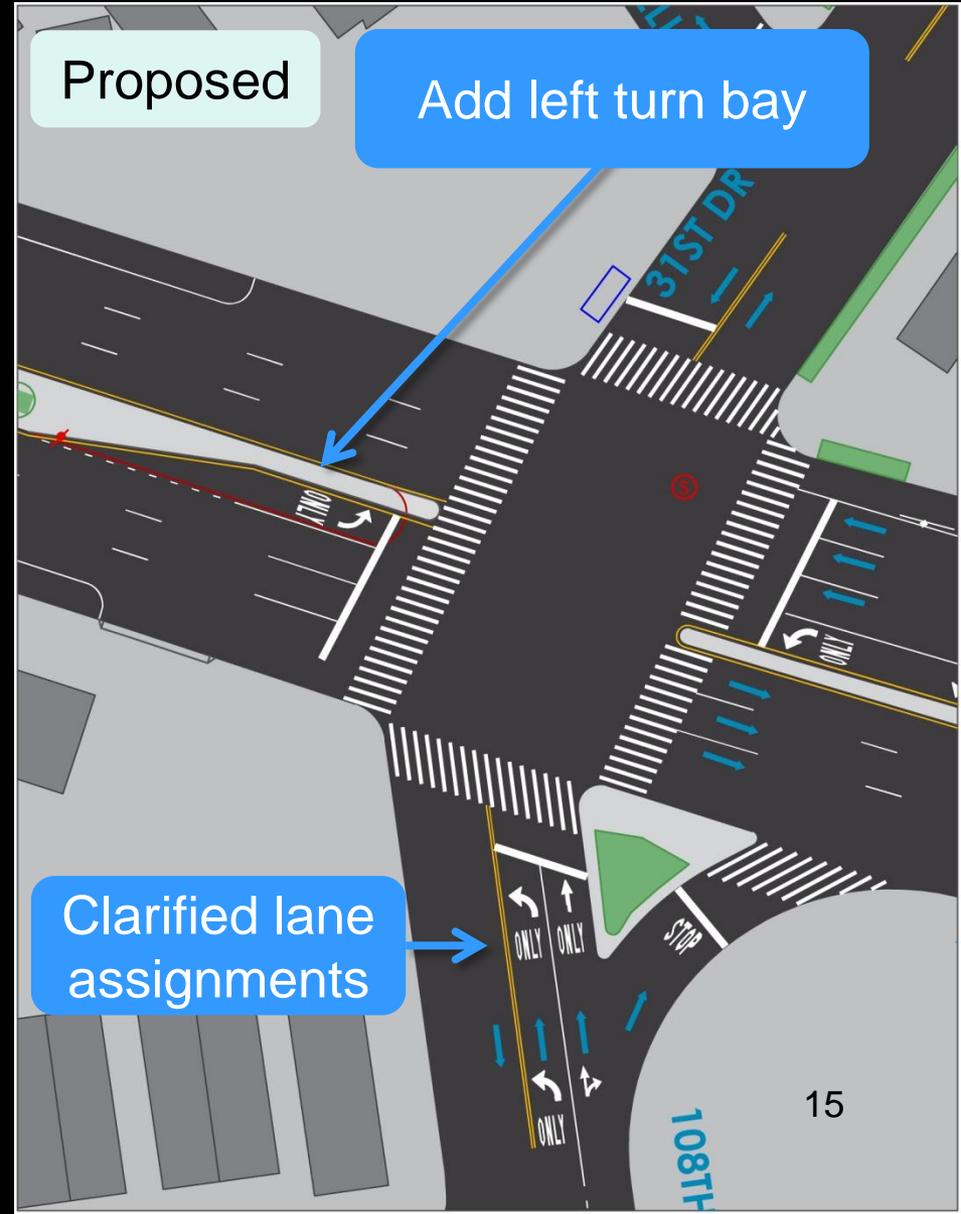
Existing

Left turn prohibited



Proposed

Add left turn bay



Clarified lane assignments

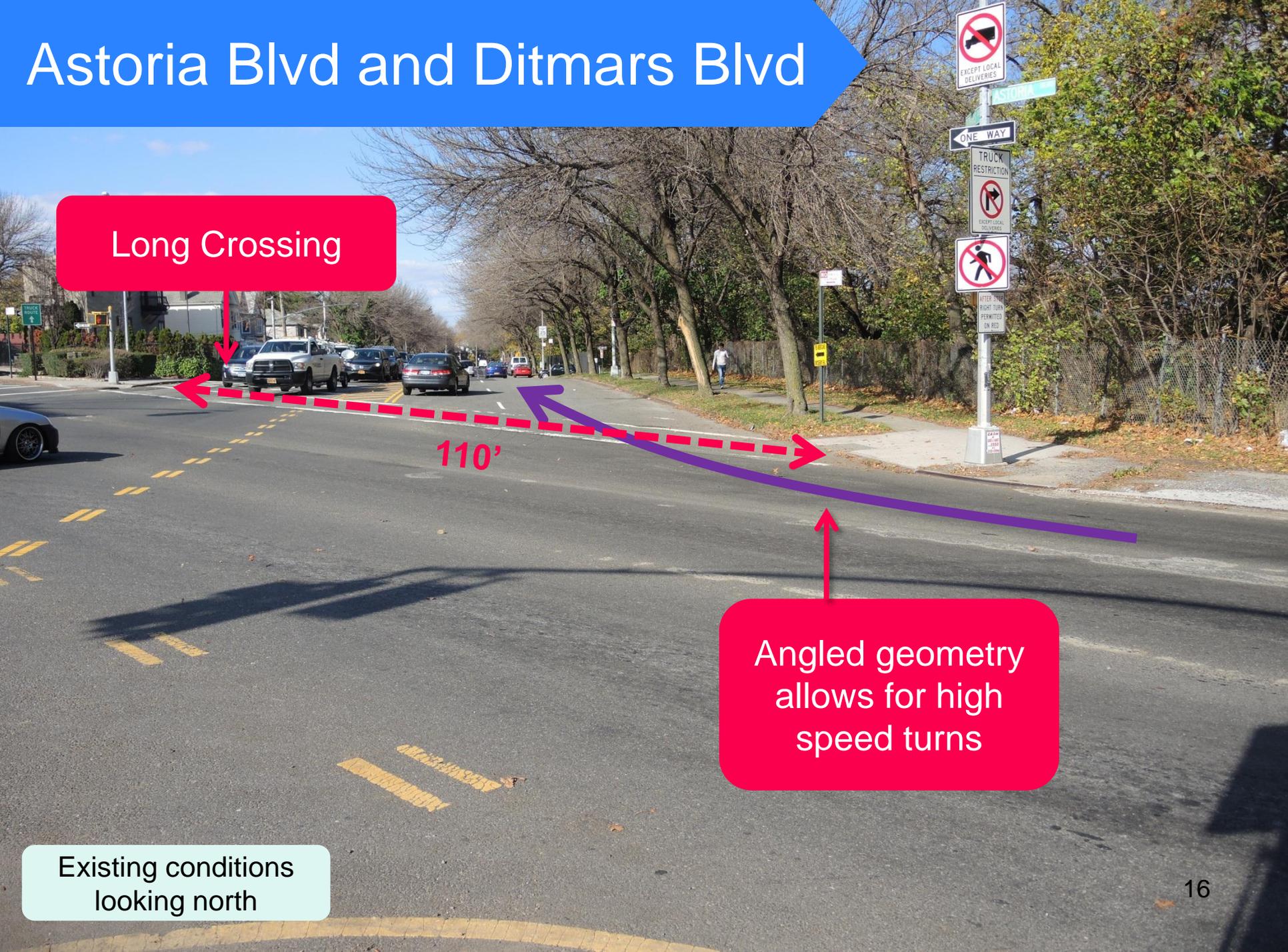
Astoria Blvd and Ditmars Blvd

Long Crossing

110'

Angled geometry allows for high speed turns

Existing conditions looking north



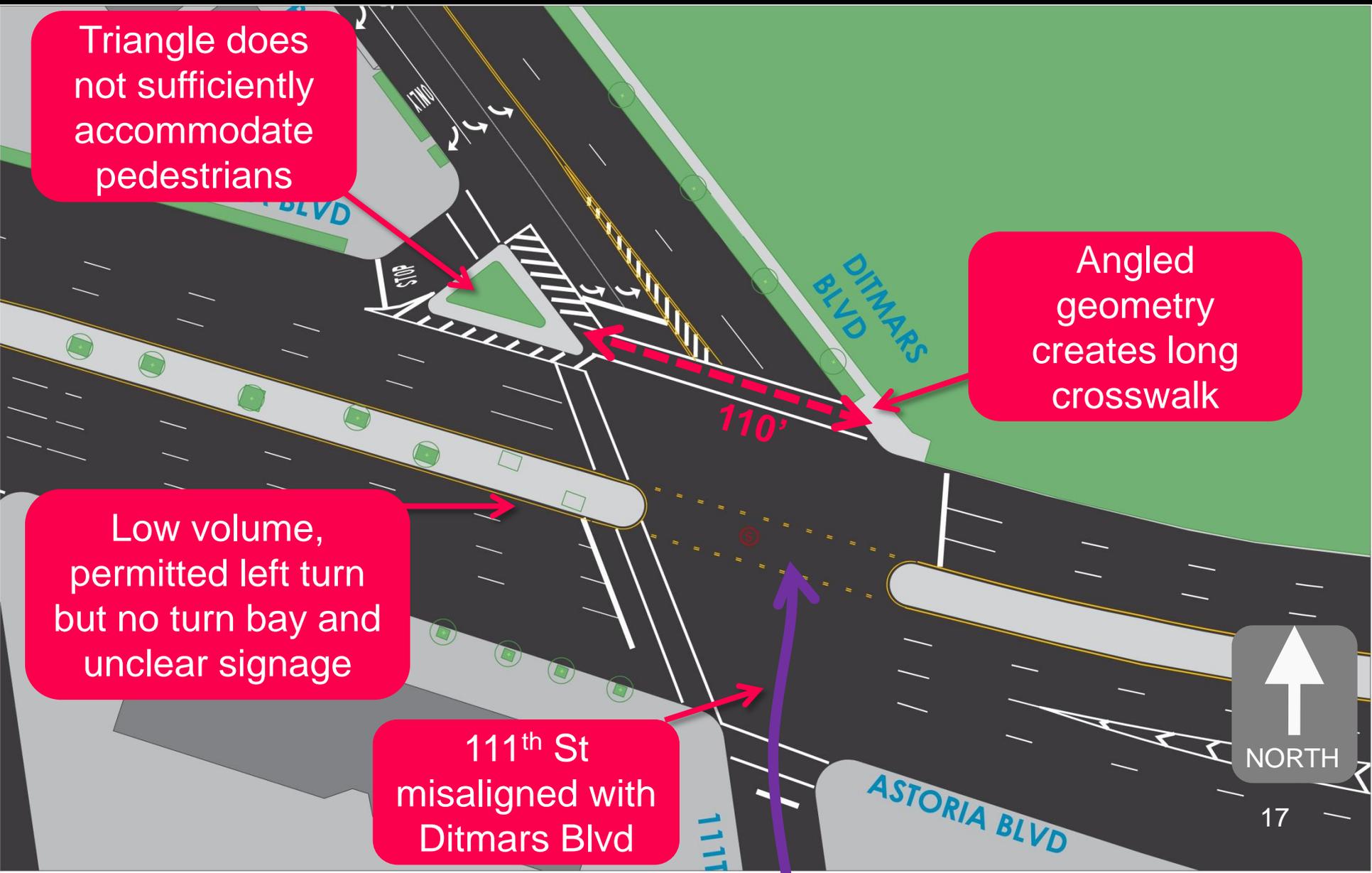
Existing Conditions at Ditmars Blvd

Triangle does not sufficiently accommodate pedestrians

Angled geometry creates long crosswalk

Low volume, permitted left turn but no turn bay and unclear signage

111th St misaligned with Ditmars Blvd



Proposal – Ditmars Blvd

Upgrade Crosswalks to Hi-Visibility

Expand triangle

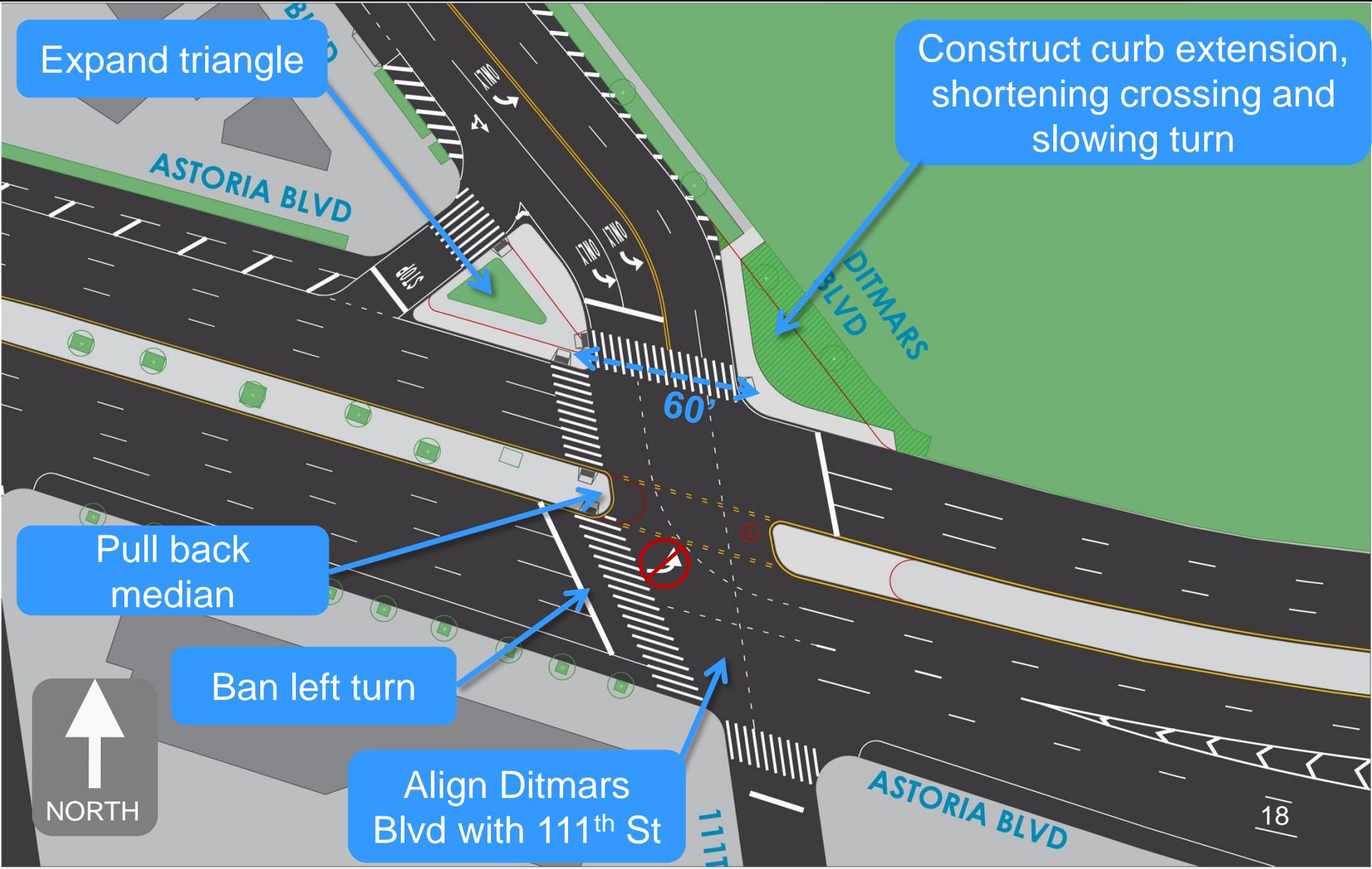
Construct curb extension, shortening crossing and slowing turn

Pull back median

Ban left turn

Align Ditmars Blvd with 111th St

60'



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

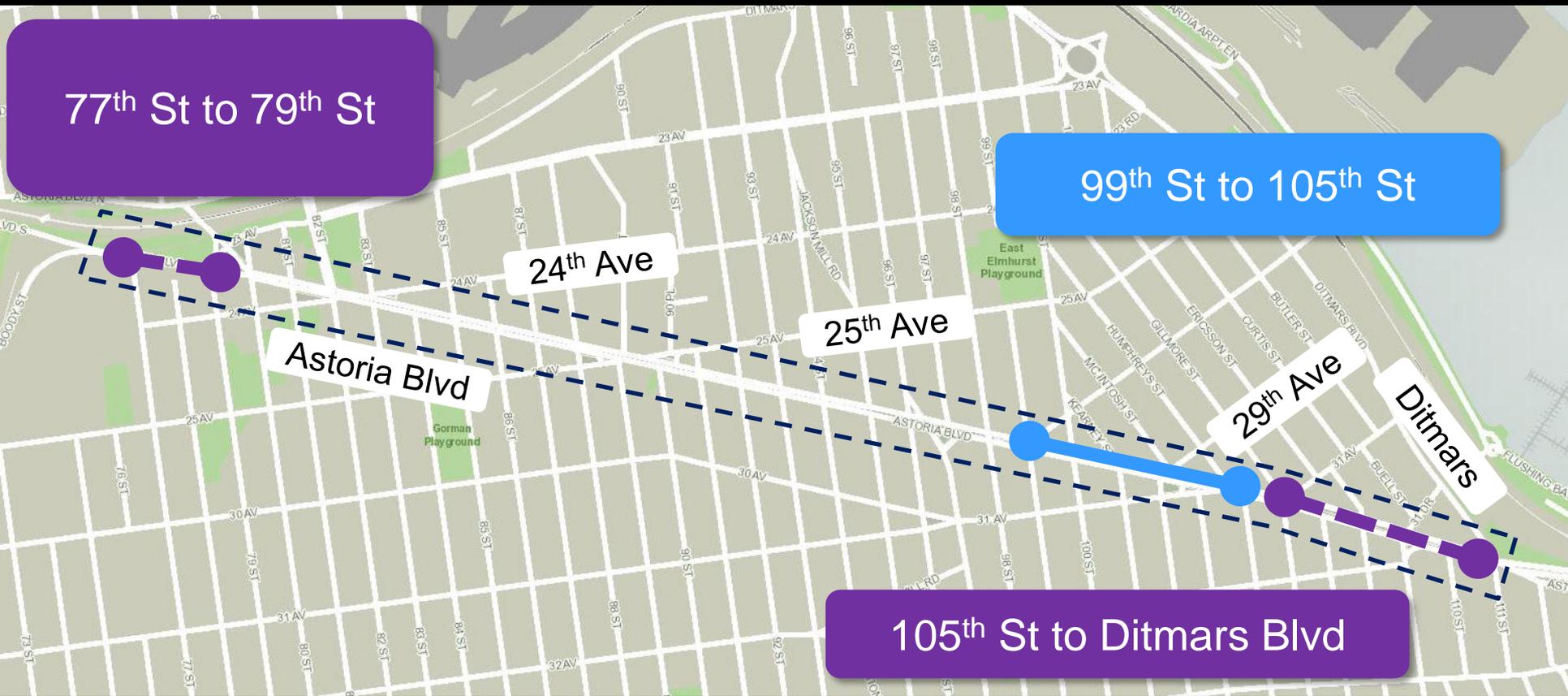
108th St

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

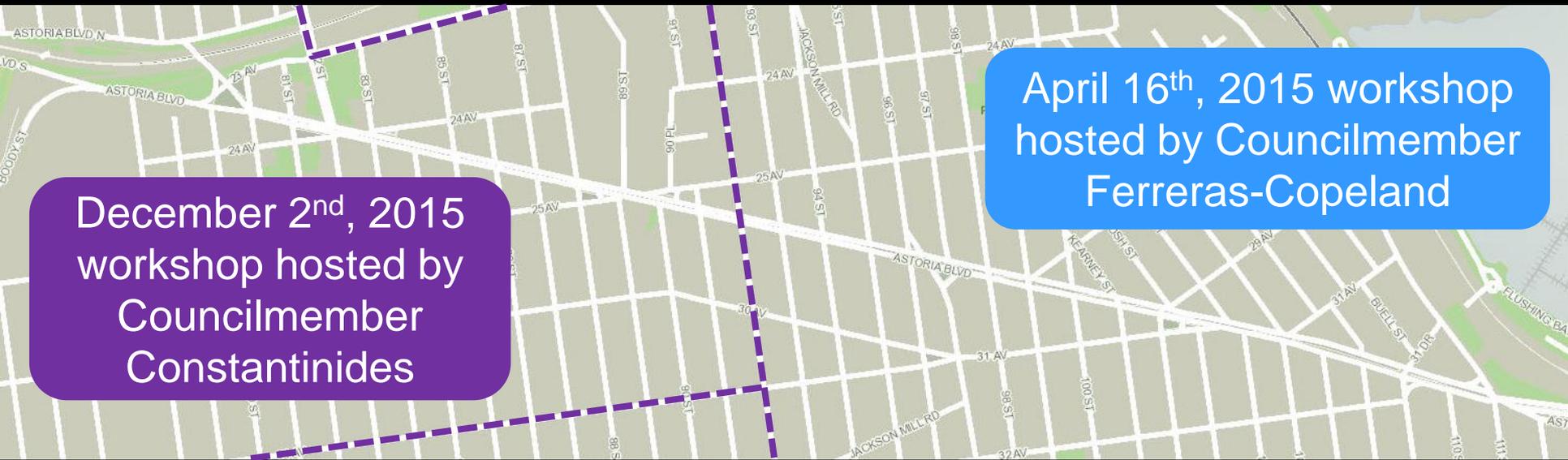
105th St to Ditmars Blvd

 Proposal Approved in Spring 2015

 2016 Proposal

 2016 Corridor Wide Changes

Community Workshops



December 2nd, 2015 workshop hosted by Councilmember Constantinides

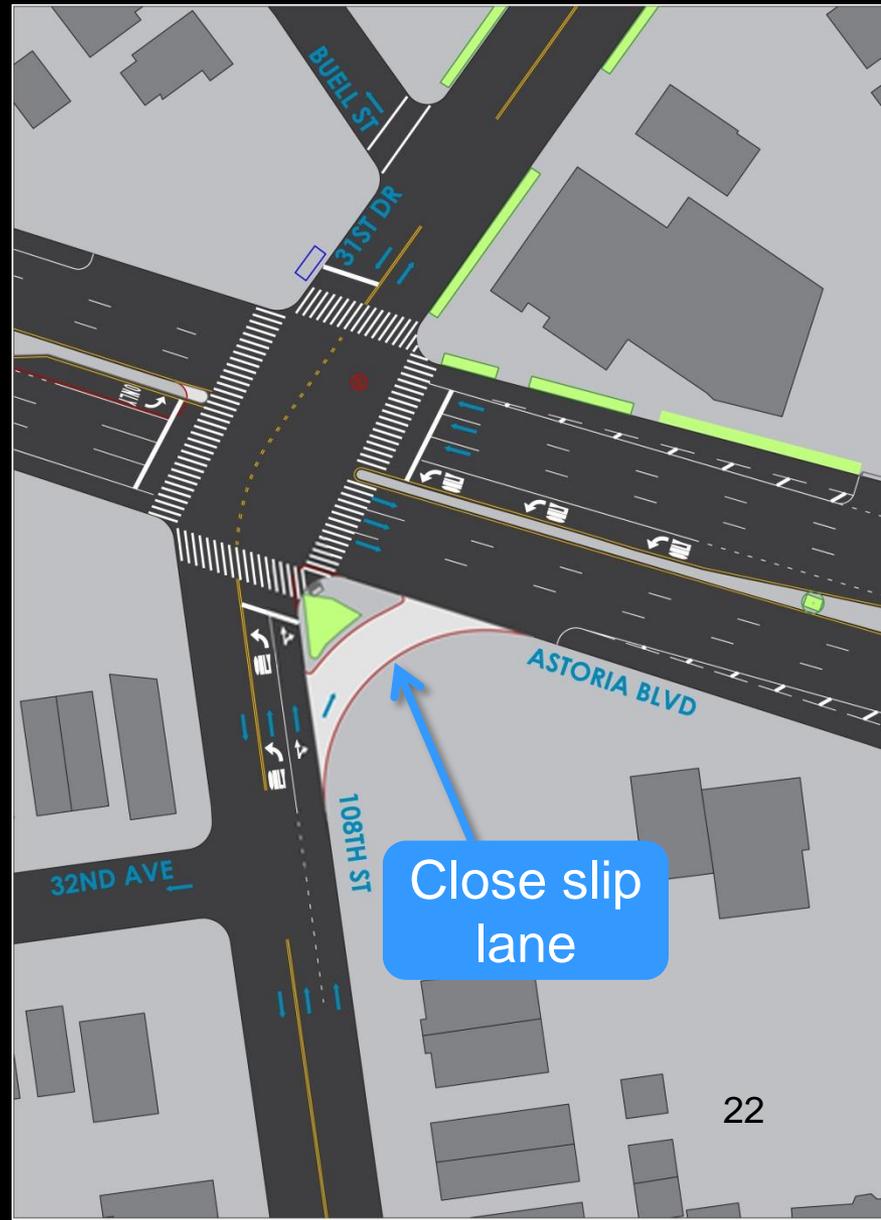
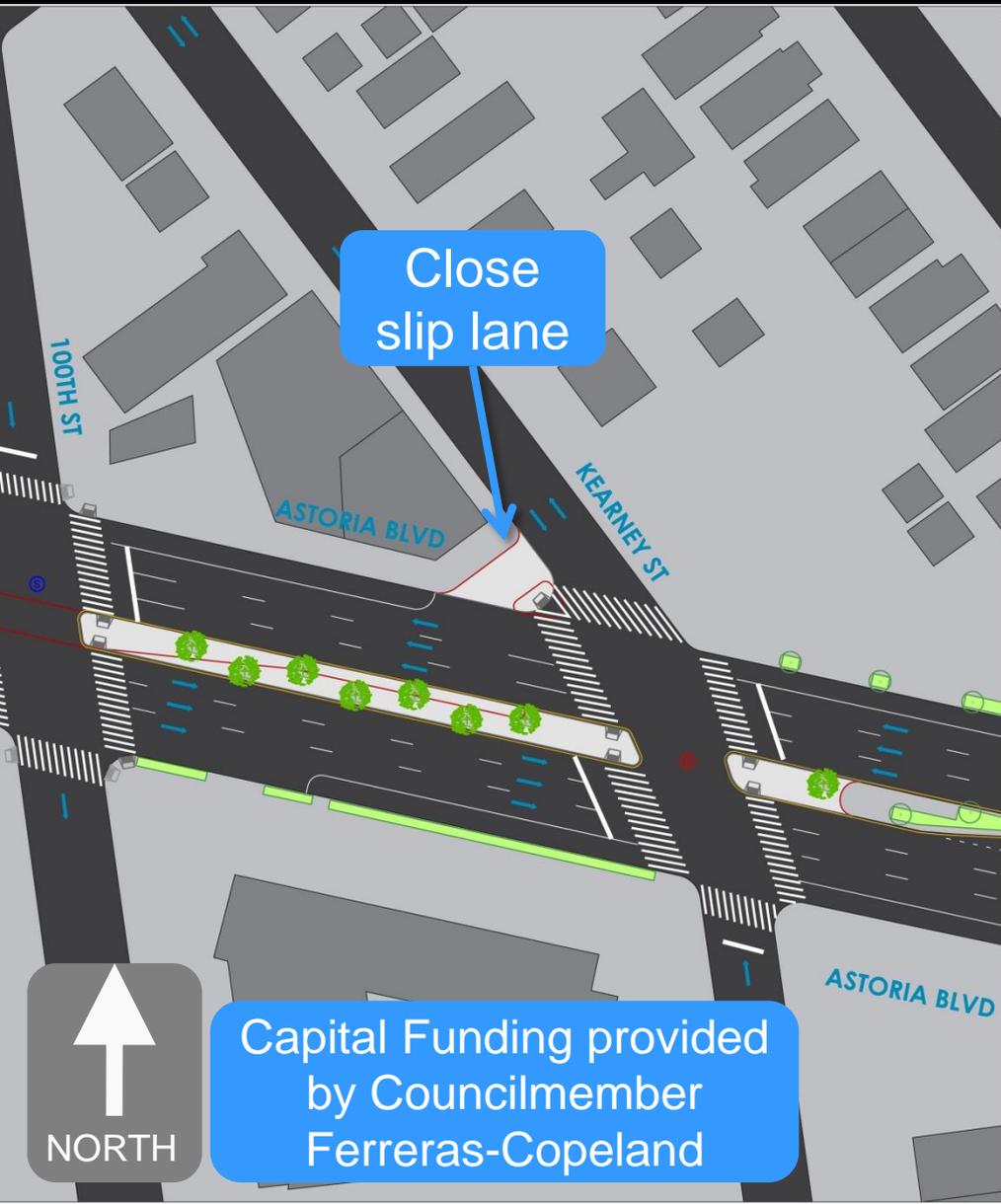
April 16th, 2015 workshop hosted by Councilmember Ferreras-Copeland

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

Identifying concerns and developing proposals following workshop hosted by Councilmember Constantinides



Funded Capital Improvements





Astoria Blvd

NYC DOT
BULKY-ONS
EXEMPT
USE
ASTORIA BLVD
WEST

www.nyc.gov/dot

Thank
You