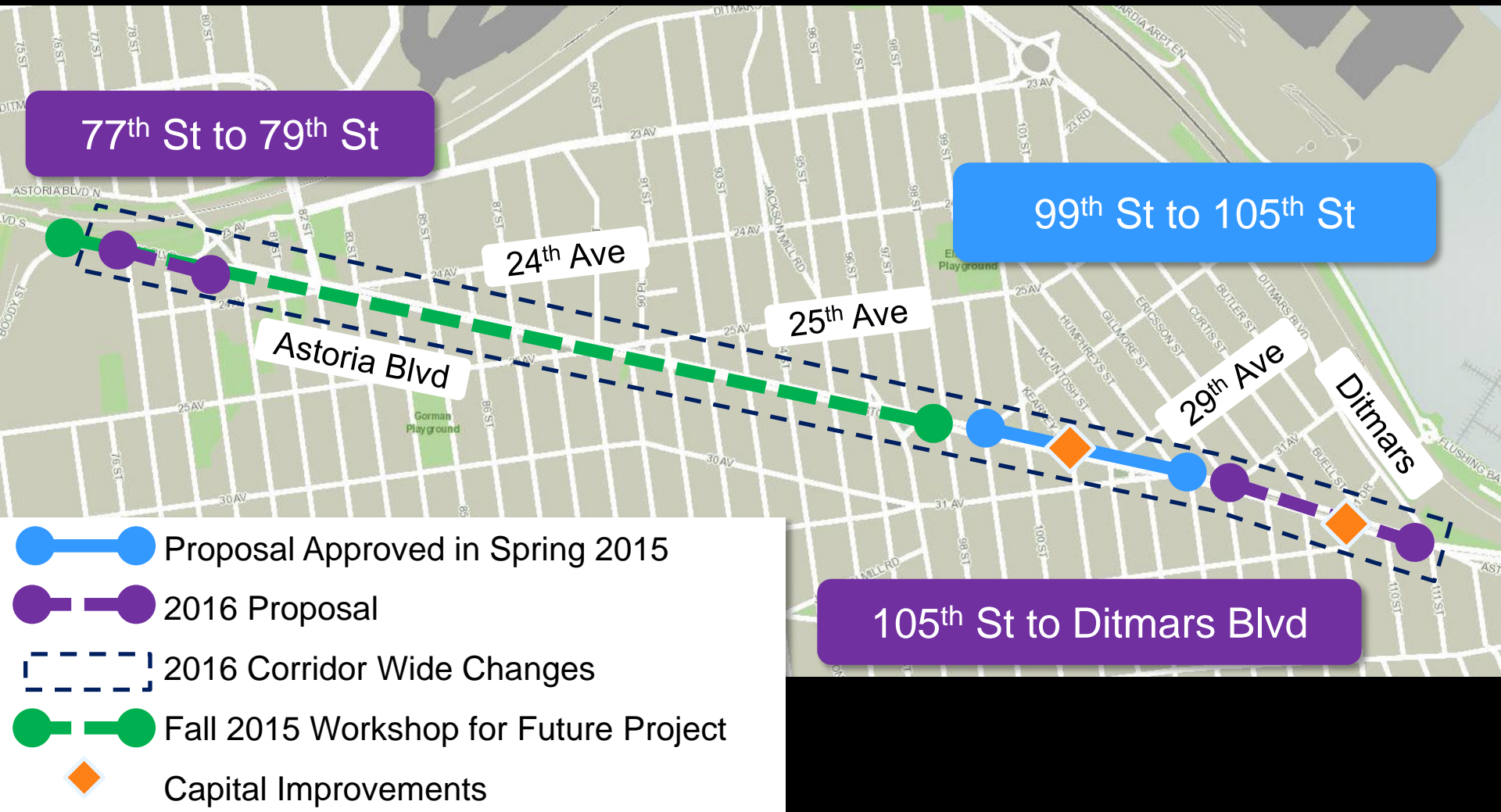


Astoria Boulevard

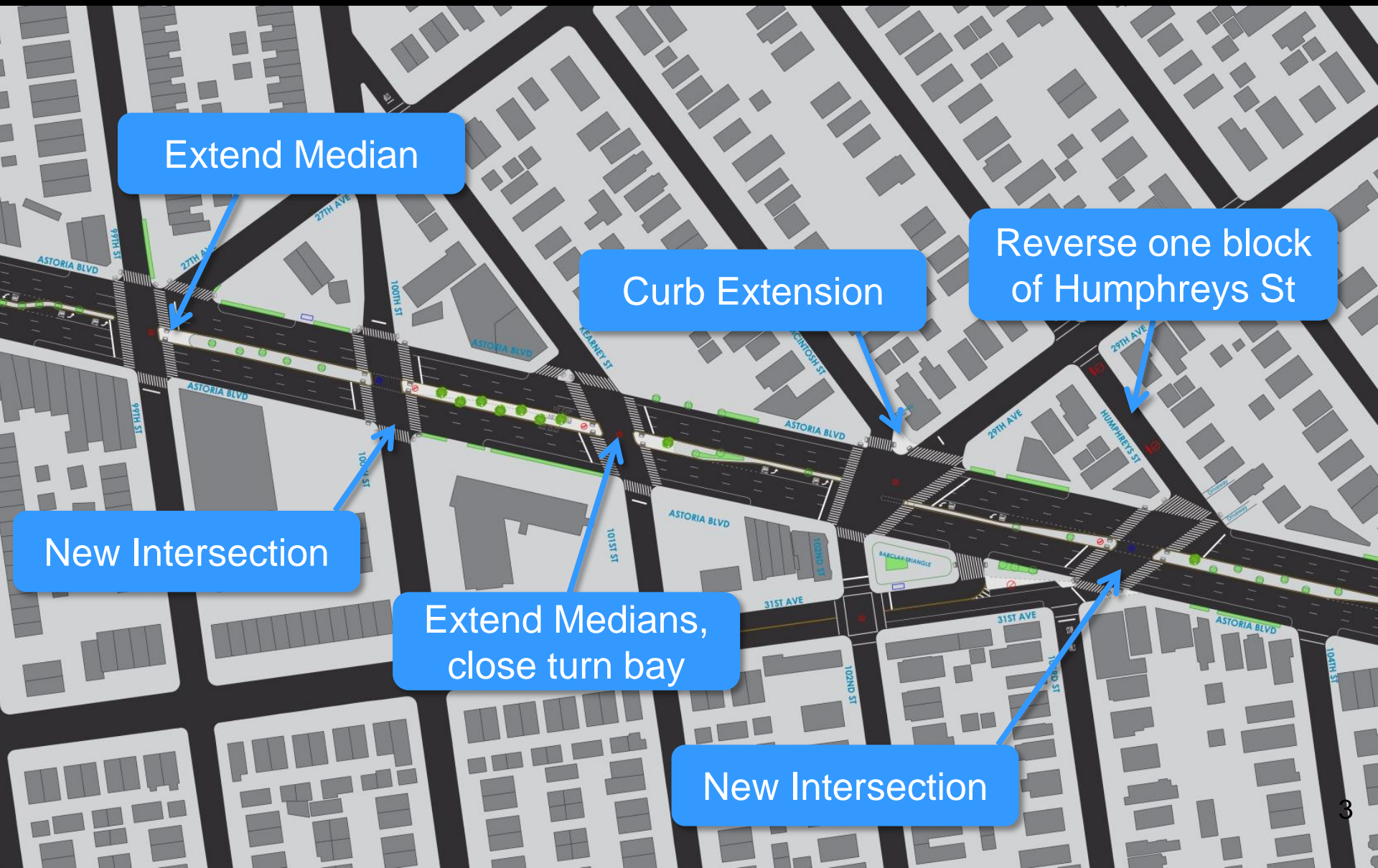


Background

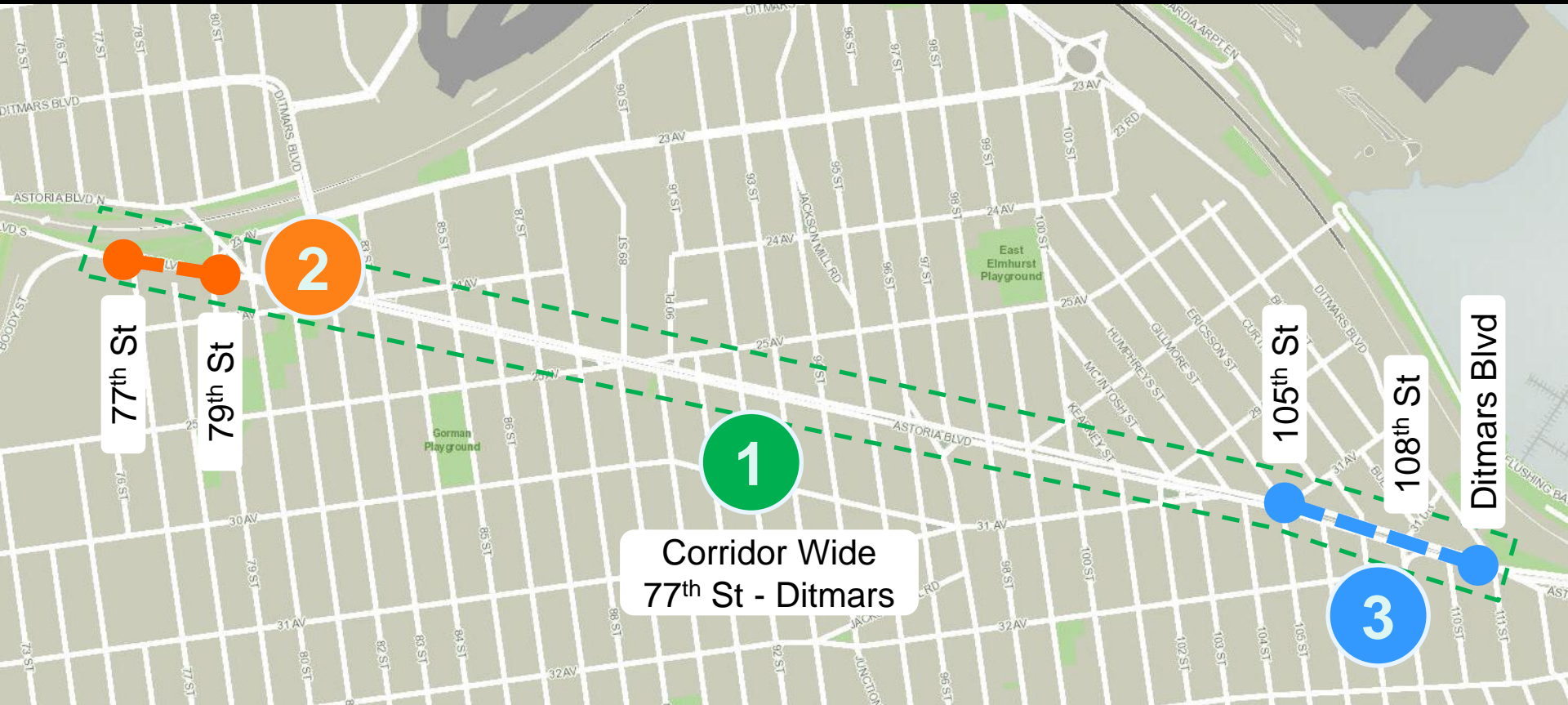
- Astoria Blvd is in a Vision Zero Priority Area
- 81st St, 82nd St, 90th St, and 108th St are Vision Zero Priority Corridors
- Requests from:
CM Julissa Ferreras-Copeland and CM Costa Constantinides
AM Michael DenDekker and AM Jeffrion Aubry



Safety Enhancements Approved in Spring 2015



2016 Proposal Area



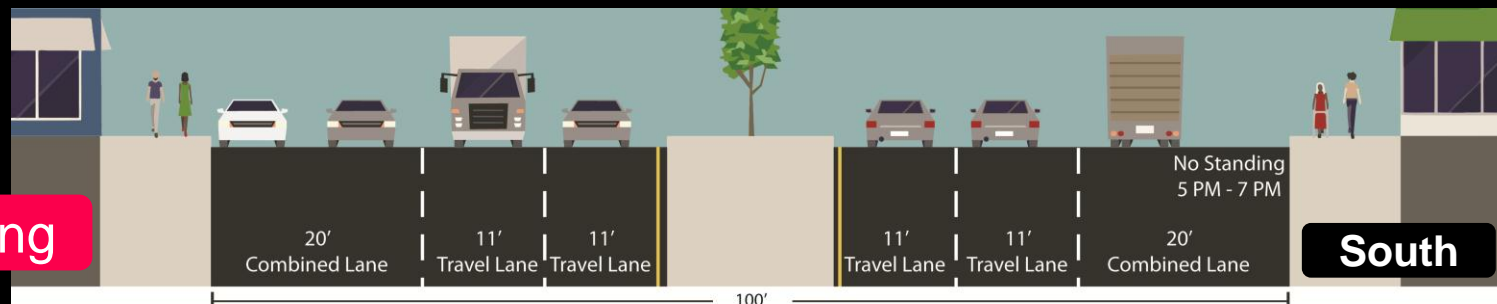
1 Corridor Wide Changes

Affects approximately
150+ parking spots

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

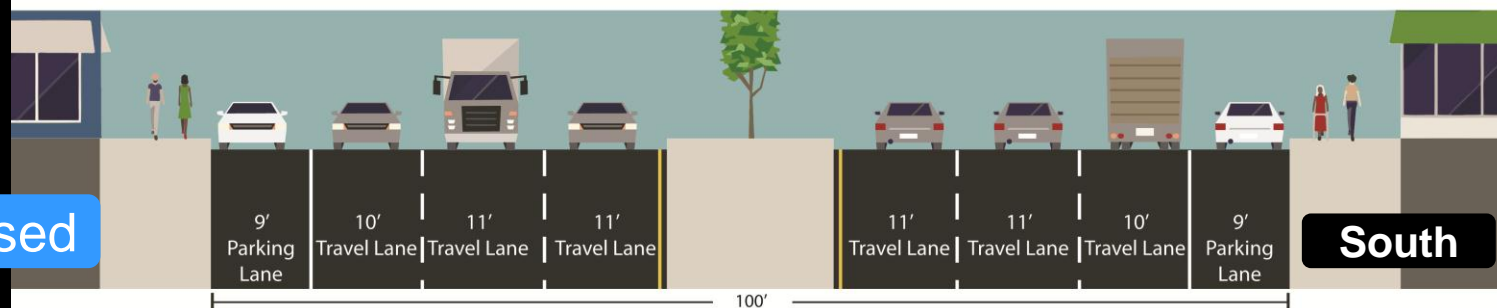
1. Remove rush hour regulation on south side of Astoria Blvd, allowing parking at all times except during Alternate Side Parking
2. Add parking lane line on north and south sides of Astoria Blvd

Existing



South

Proposed



South

79th St

Ditmars Blvd

2

Existing Conditions

Four lanes going thru into
3 full time receiving lanes
and 1 rush hour lane

The map shows a four-lane road (Astoria Blvd South) merging into a three-lane road (Grand Central Pkwy) with a dedicated rush hour lane. A red arrow points from the text box to the merge area. Other labels on the map include 'WB ON', 'RAMP TO EB GRAND CENTRAL PKWY', 'ASTORIA BLVD NORTH', 'ASTORIA BLVD SOUTH', '77TH ST', '78TH ST', and '79TH ST'. A north arrow is in the bottom left corner.

Unclear lane
designation and
large, open
intersection

A red arrow points from the text box to the intersection area where the lane designations are unclear.

Rush hour lane creates
unsafe merge during off peak

A red arrow points from the text box to the merge area during off-peak hours.

Uncontrolled
crossing against
four lanes of
heavy traffic

A red arrow points from the text box to the crossing area where a road crosses 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

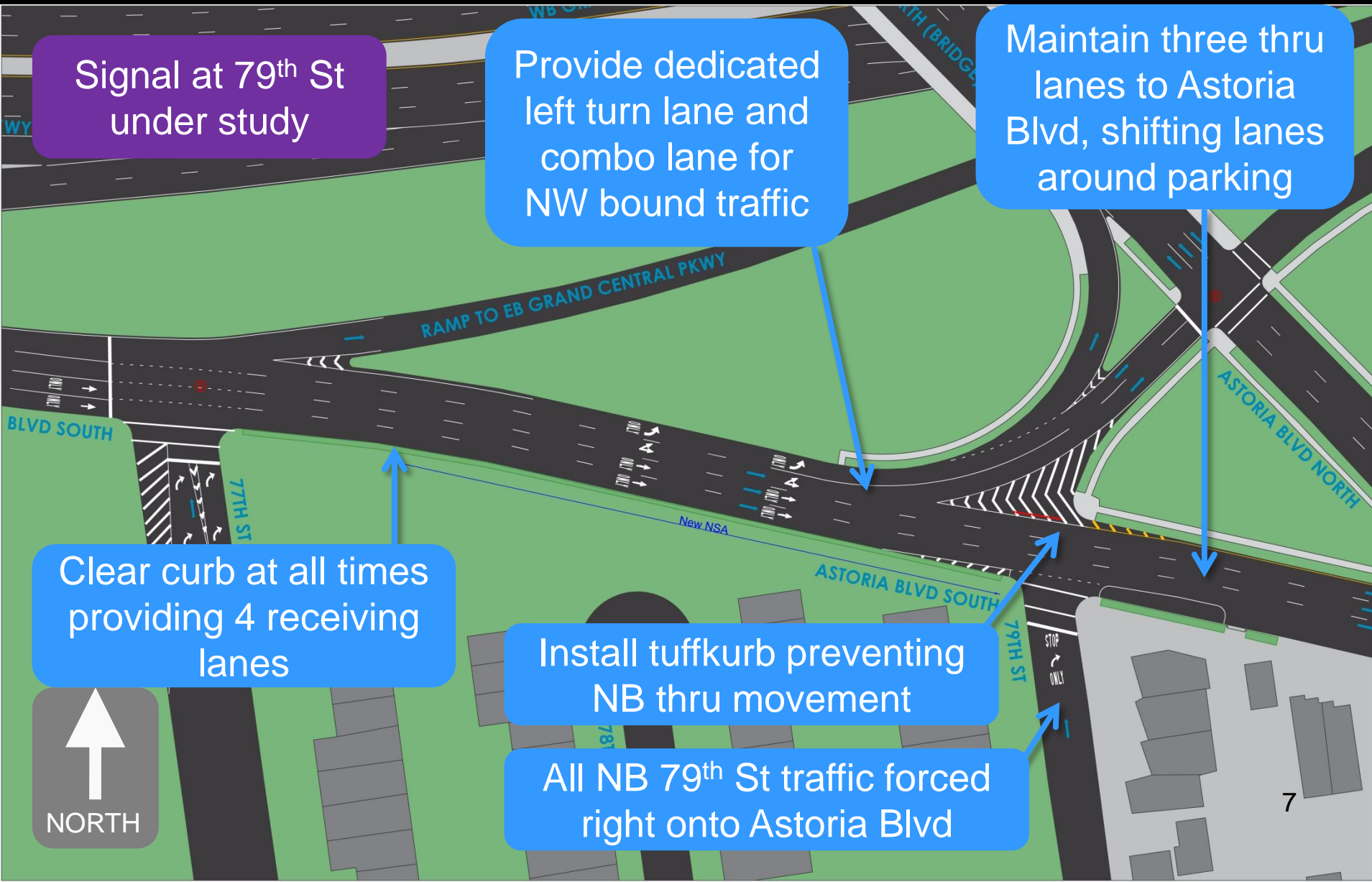
Provide dedicated left turn lane and combo lane for NW bound traffic

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

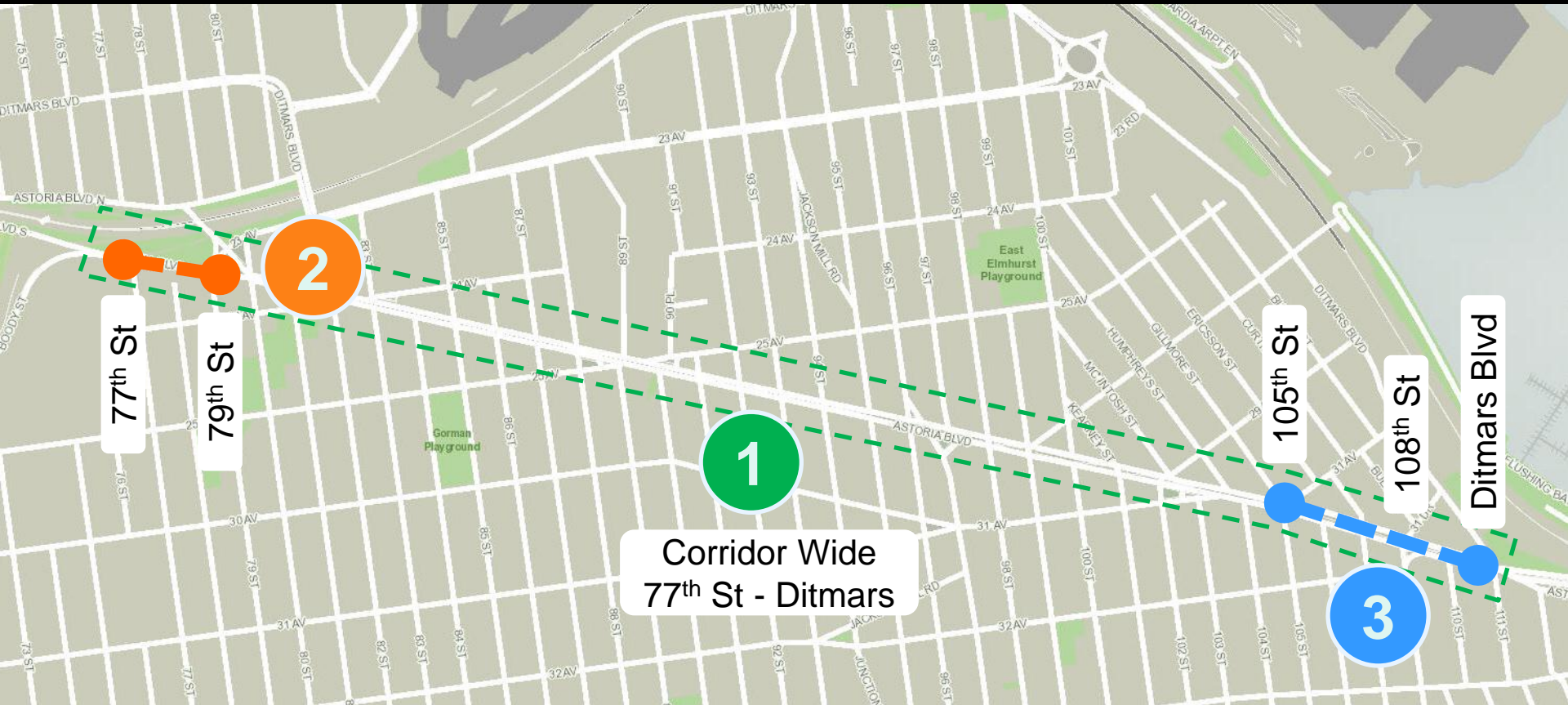
Clear curb at all times providing 4 receiving lanes

Install tuffkurb preventing NB thru movement

All NB 79th St traffic forced right onto Astoria Blvd



2016 Project Area

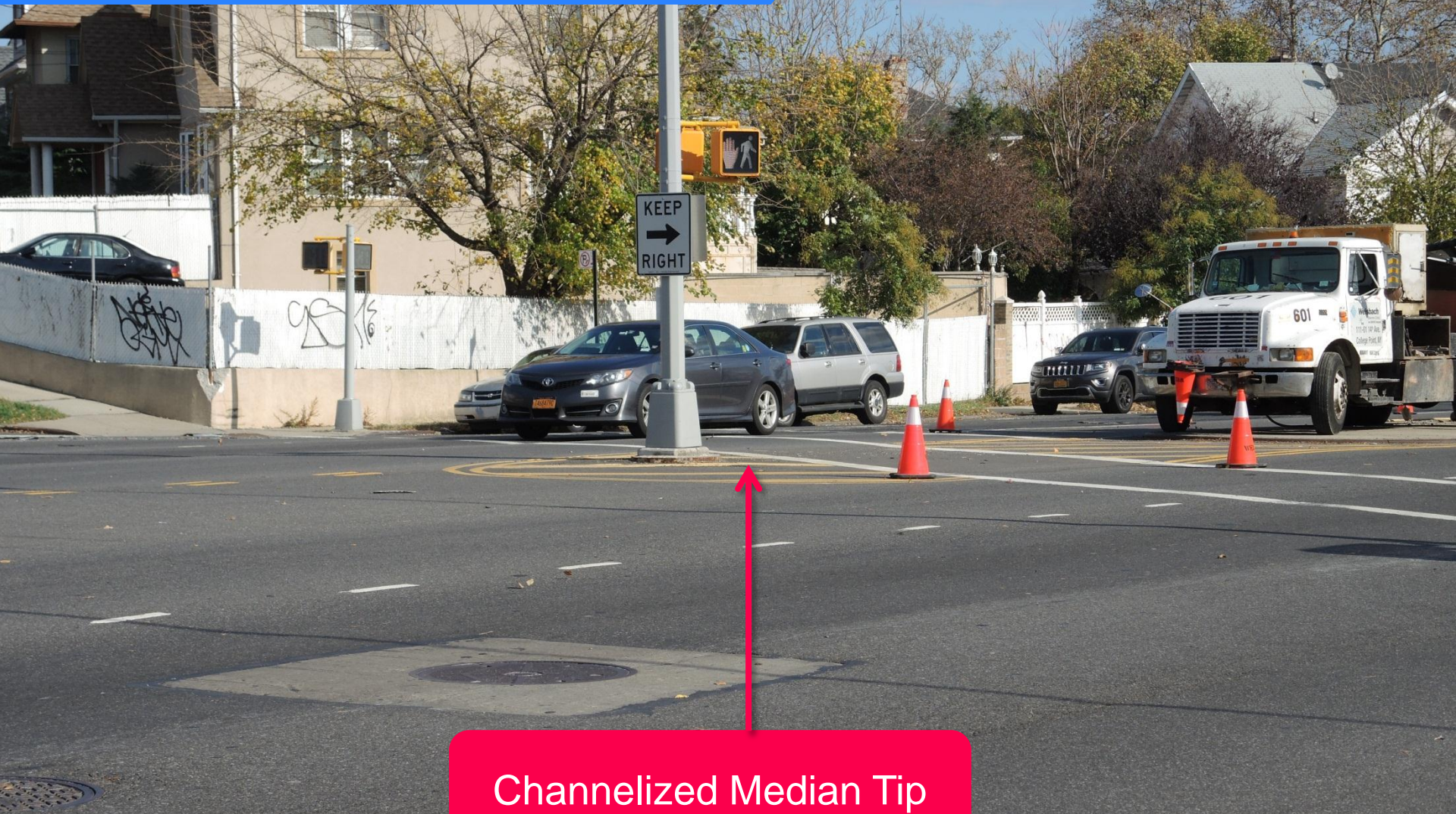


Project Area – 105th St to Ditmars Blvd

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

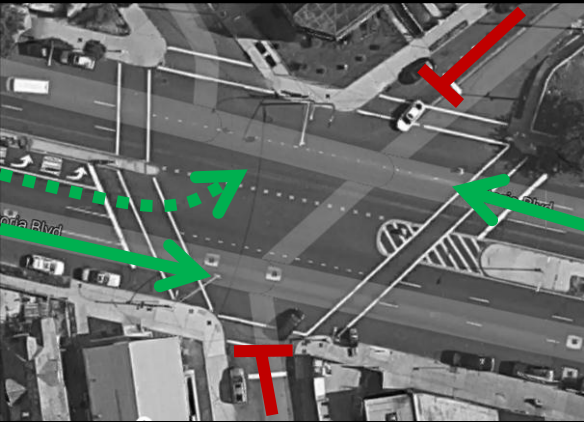
Channelized
median tip

Proposed

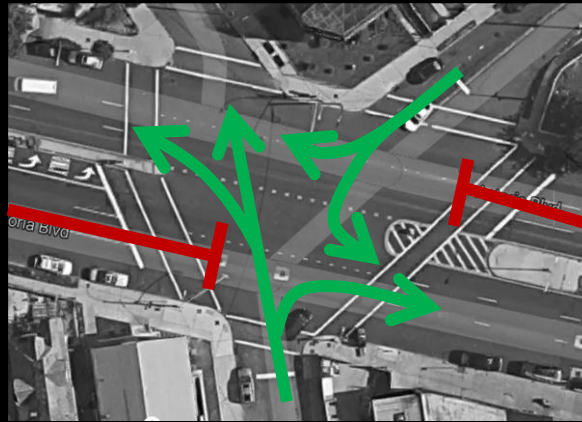
Build out median
in concrete

Straighten
crosswalk and
close cut-thru

Astoria Blvd and 105th St

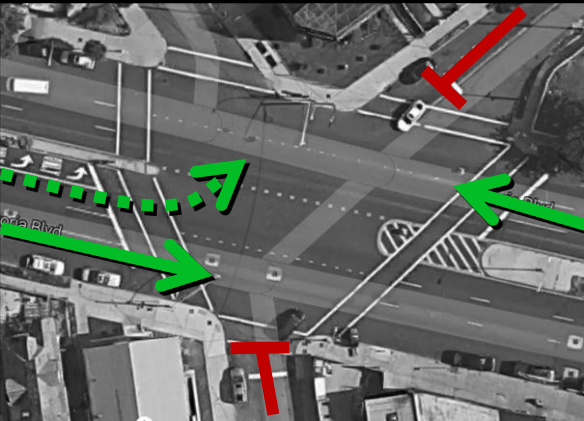


Existing

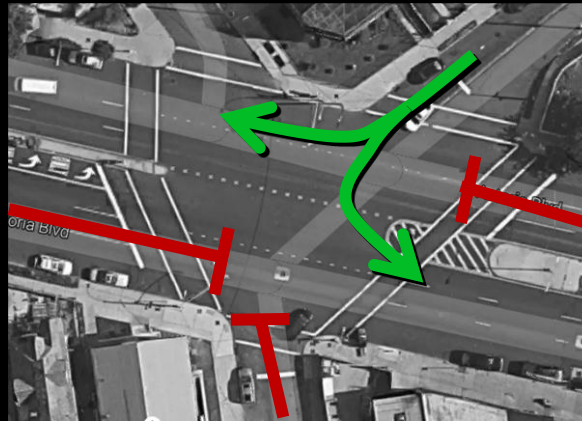


North/South goes at same time

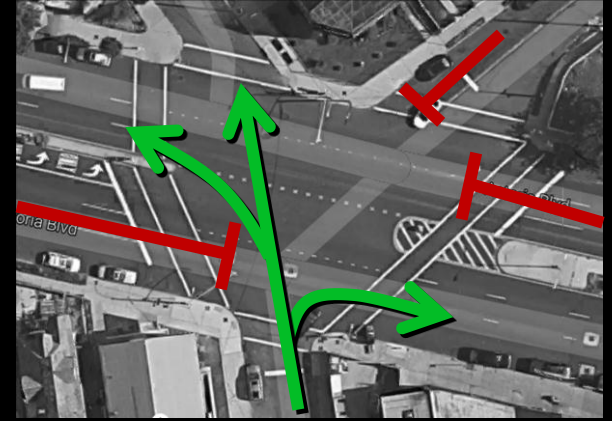
- Create three phase signal to separate north/south movements and reduce vehicular conflicts



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

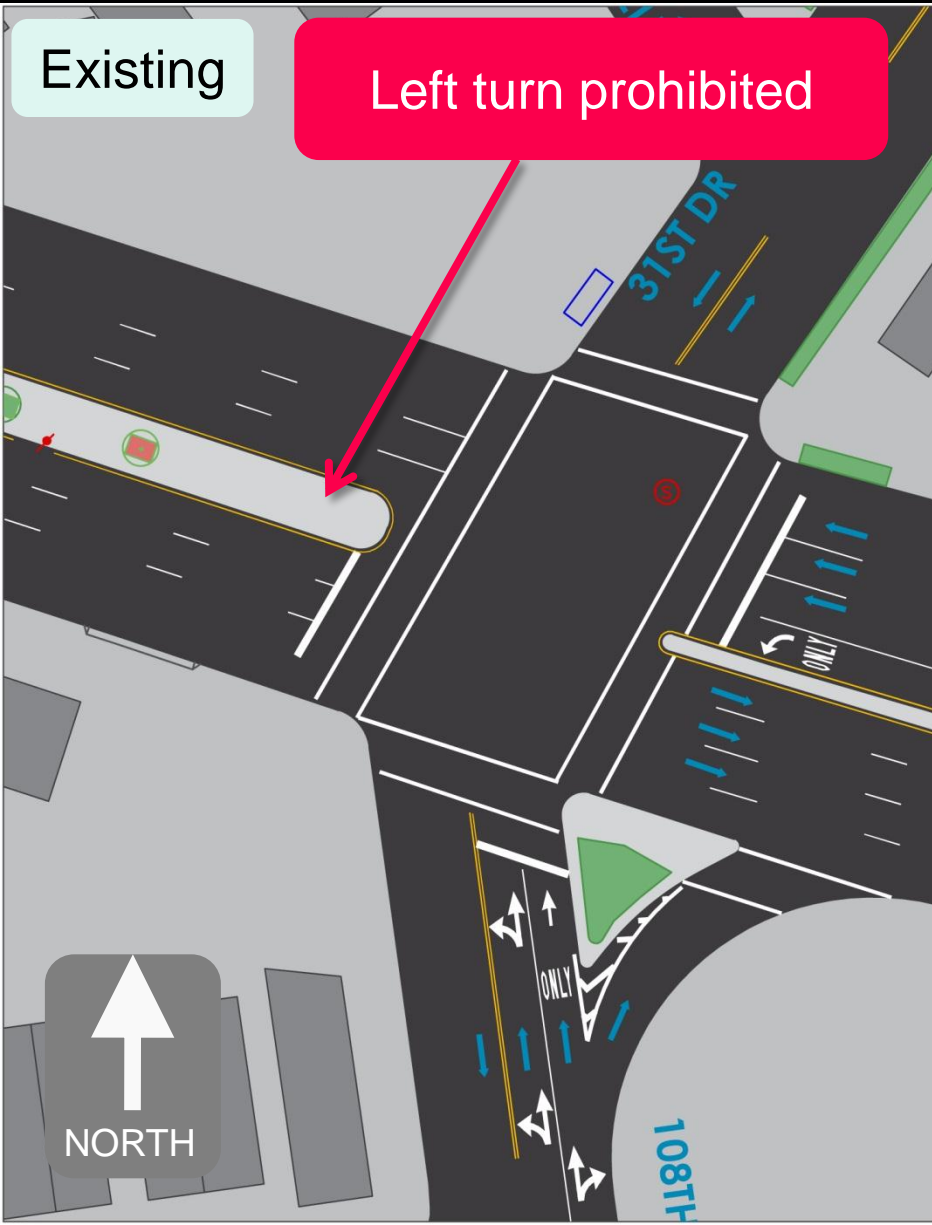
Existing conditions
looking west

Astoria Blvd and 108th St

Upgrade Crosswalks
to Hi-Visibility

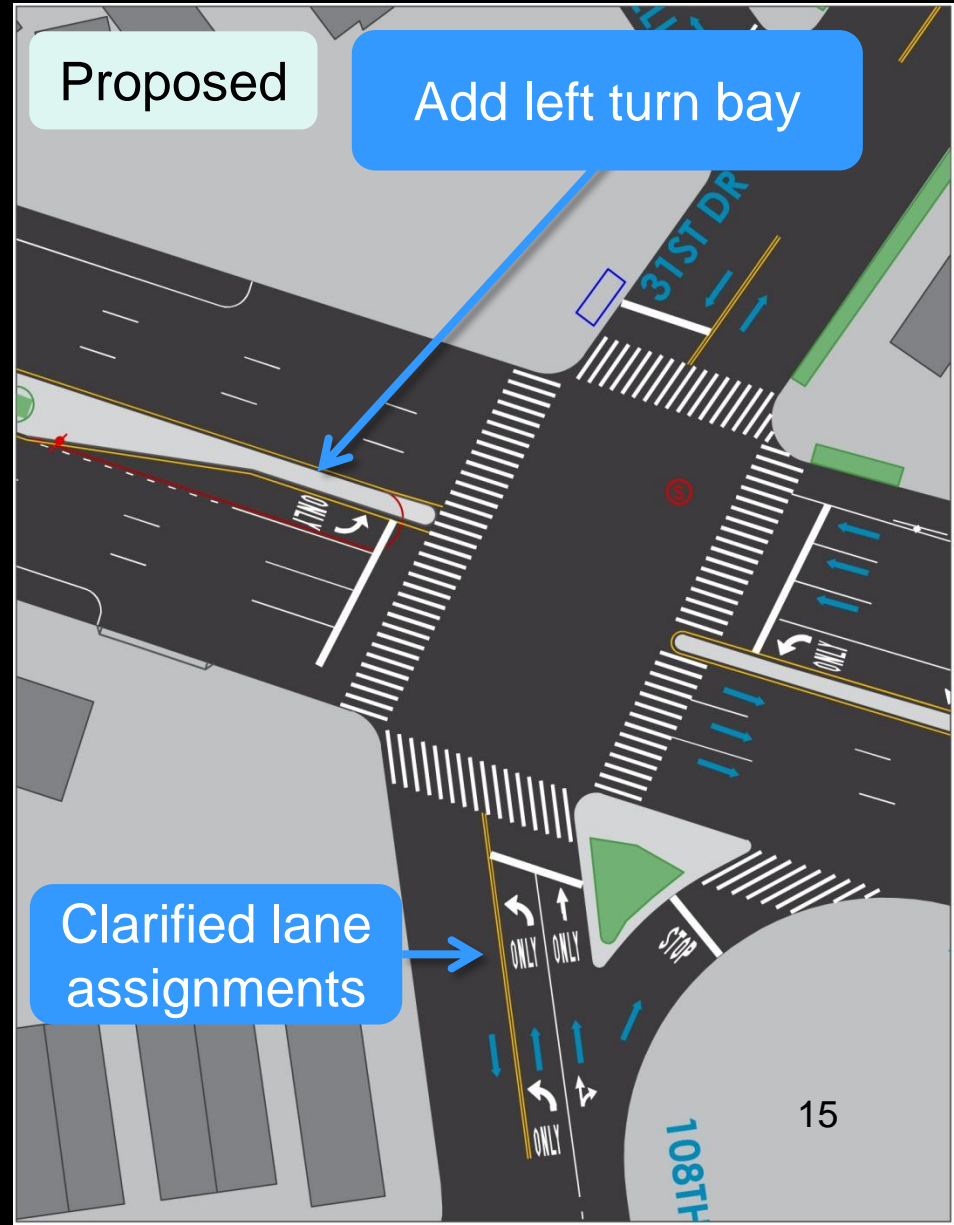
Existing

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

110'



Proposal – Ditmars Blvd

Upgrade Crosswalks
to Hi-Visibility

Expand triangle

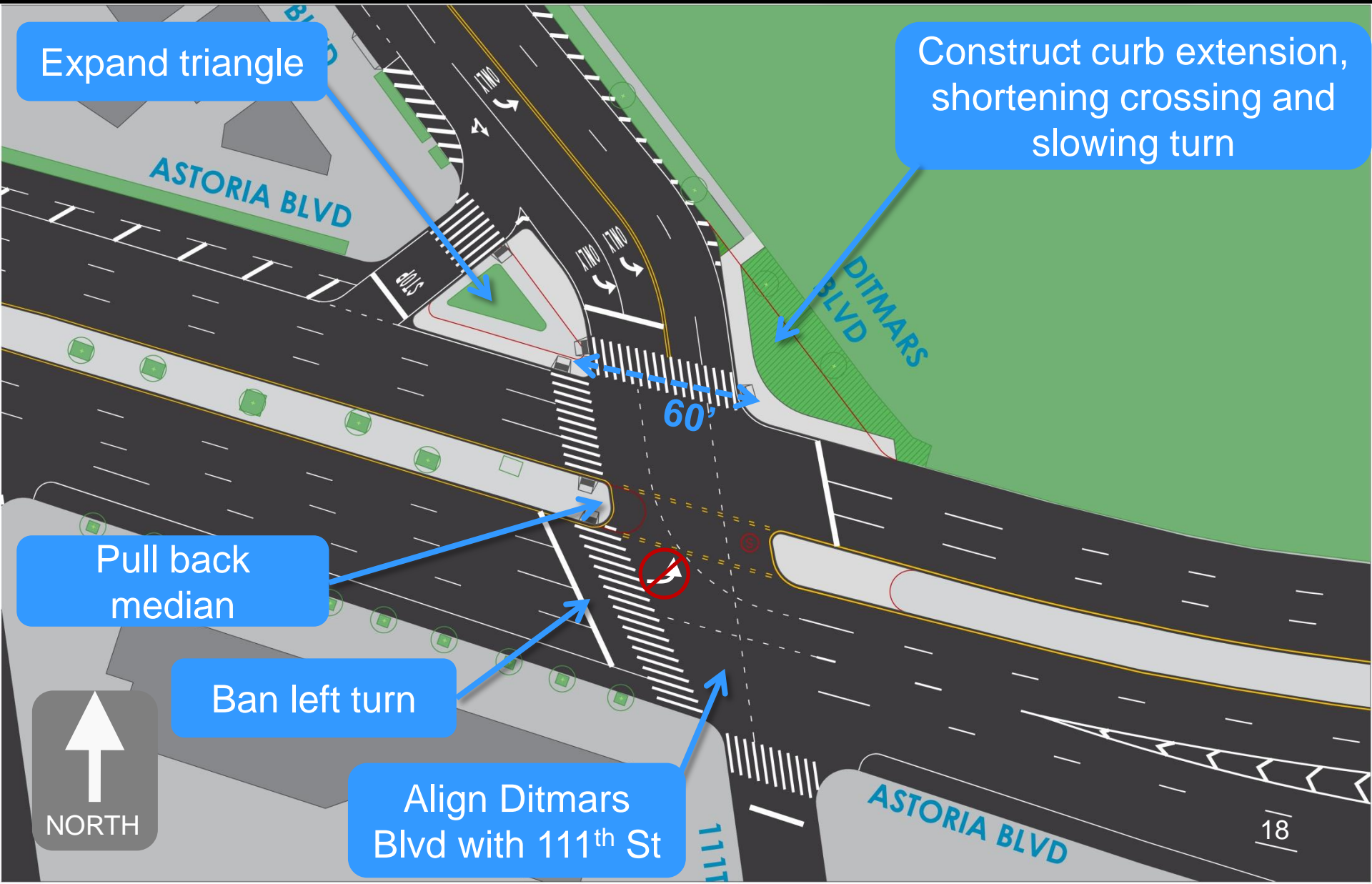
Construct curb extension,
shortening crossing and
slowing turn

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

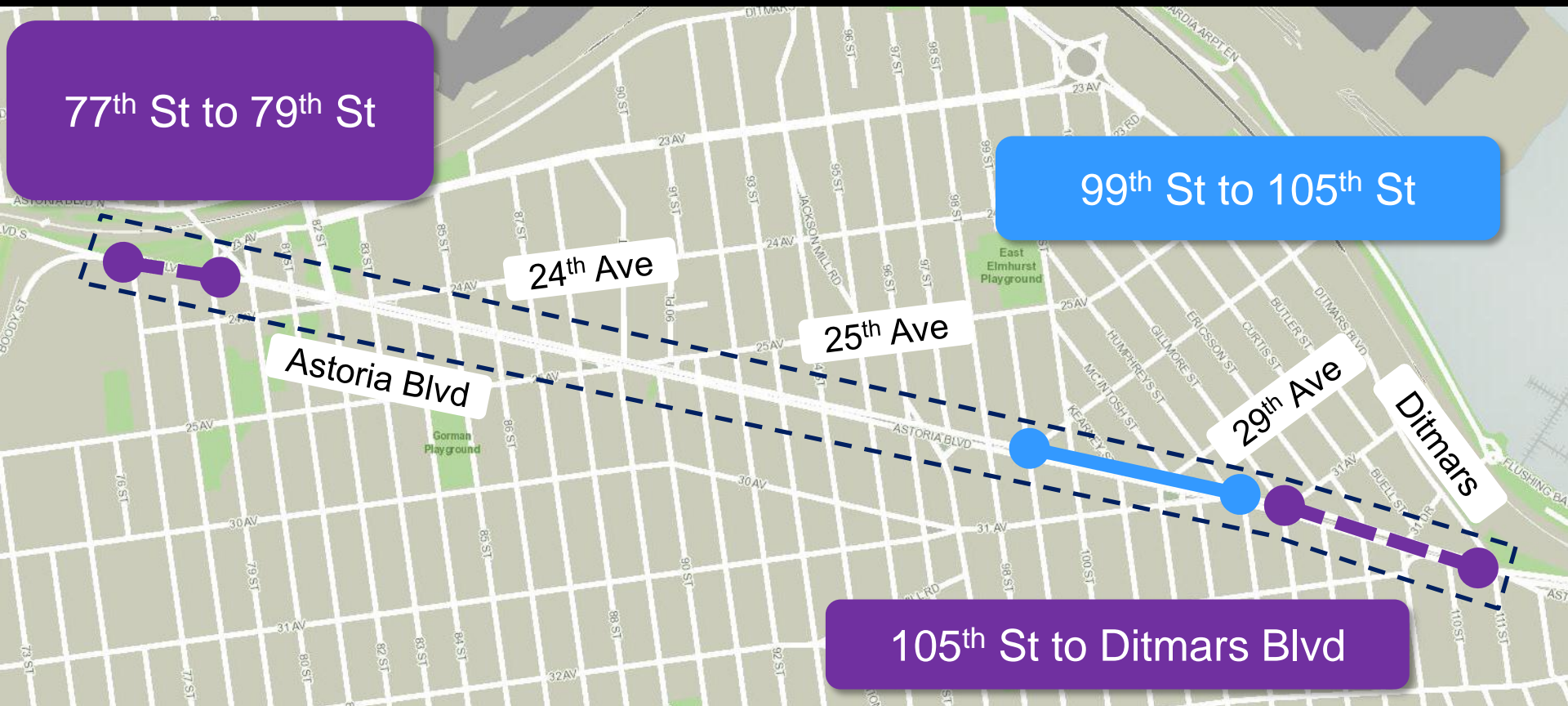
108th St

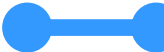


1. Add left turn bay for eastbound Astoria Blvd

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



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

Community Workshops

December 2nd, 2015
workshop hosted by
Councilmember
Constantinides

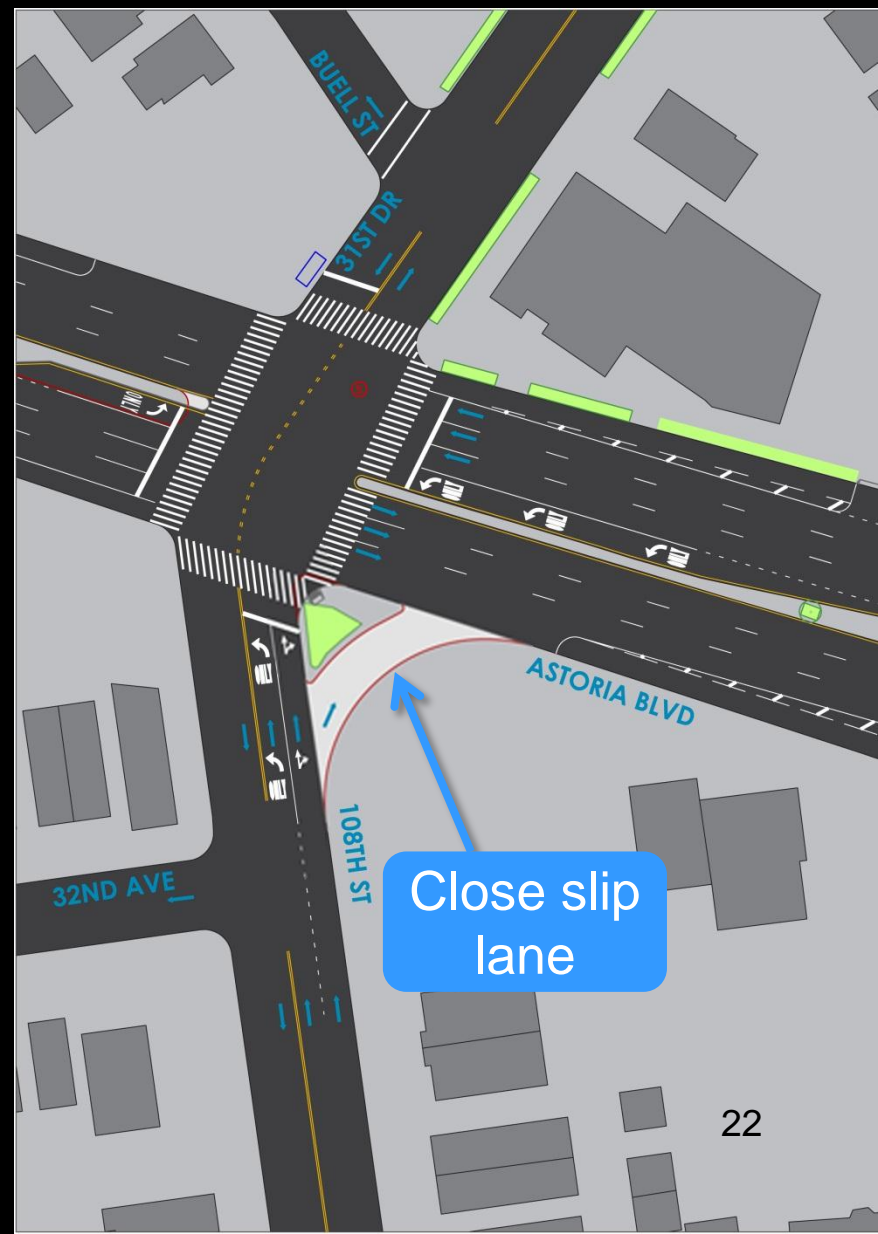
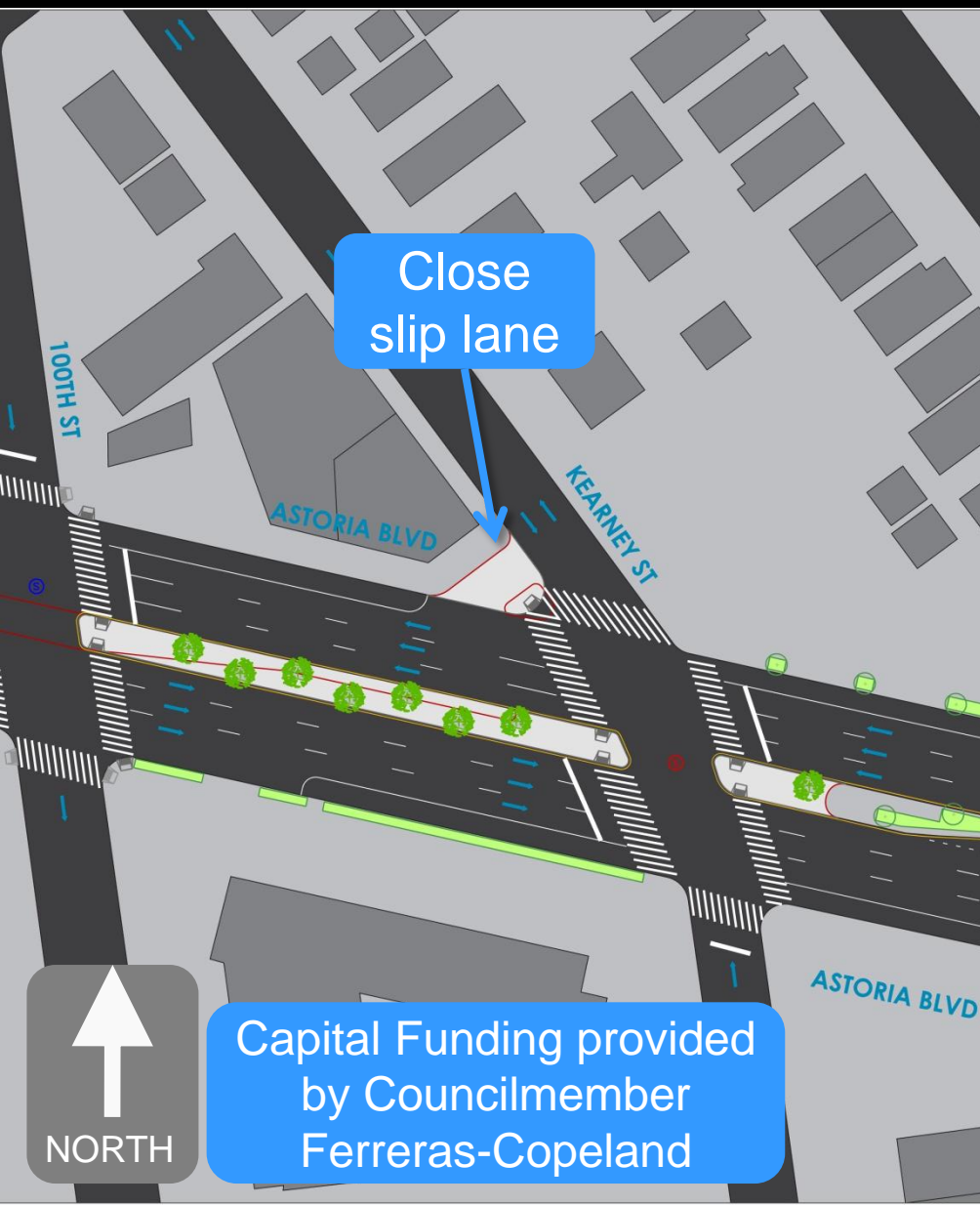
April 16th, 2015 workshop
hosted by Councilmember
Ferrerias-Copeland

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





www.nyc.gov/dot

**Thank
You**