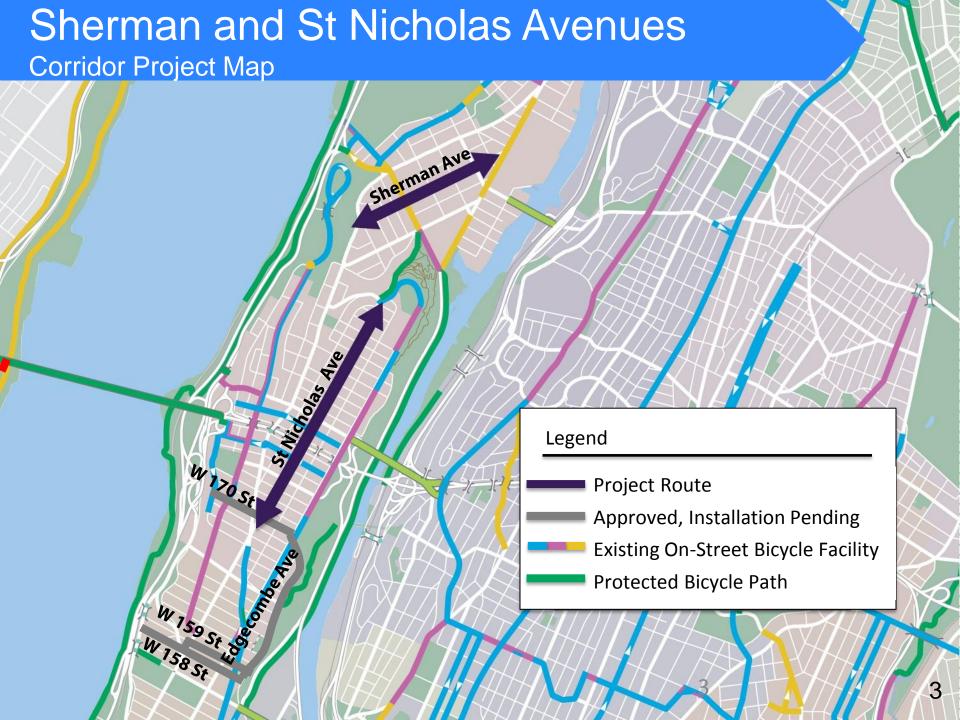
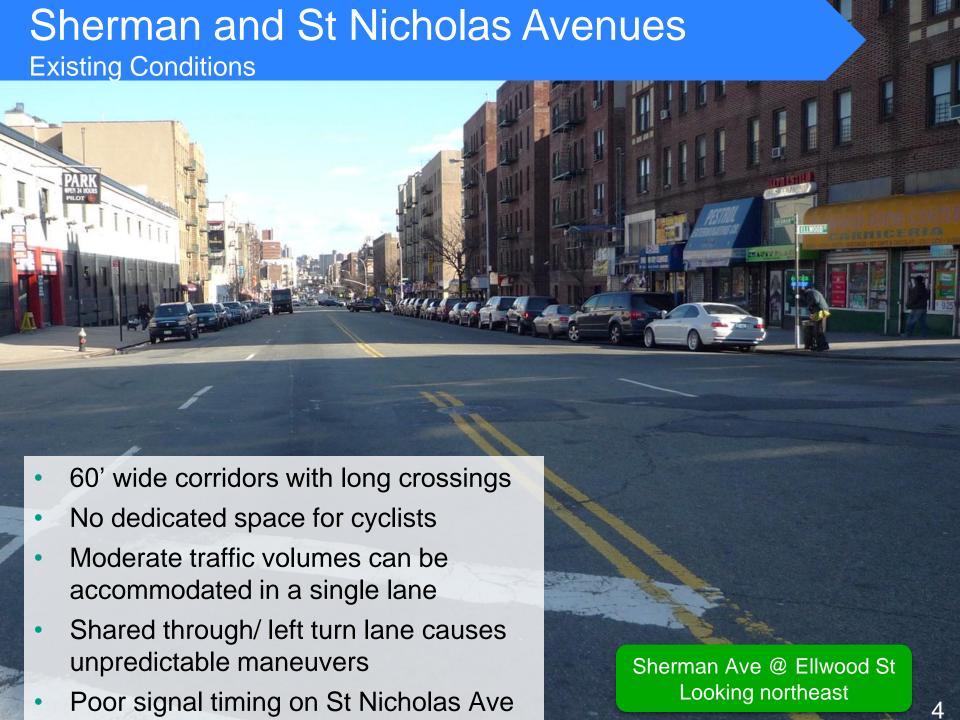
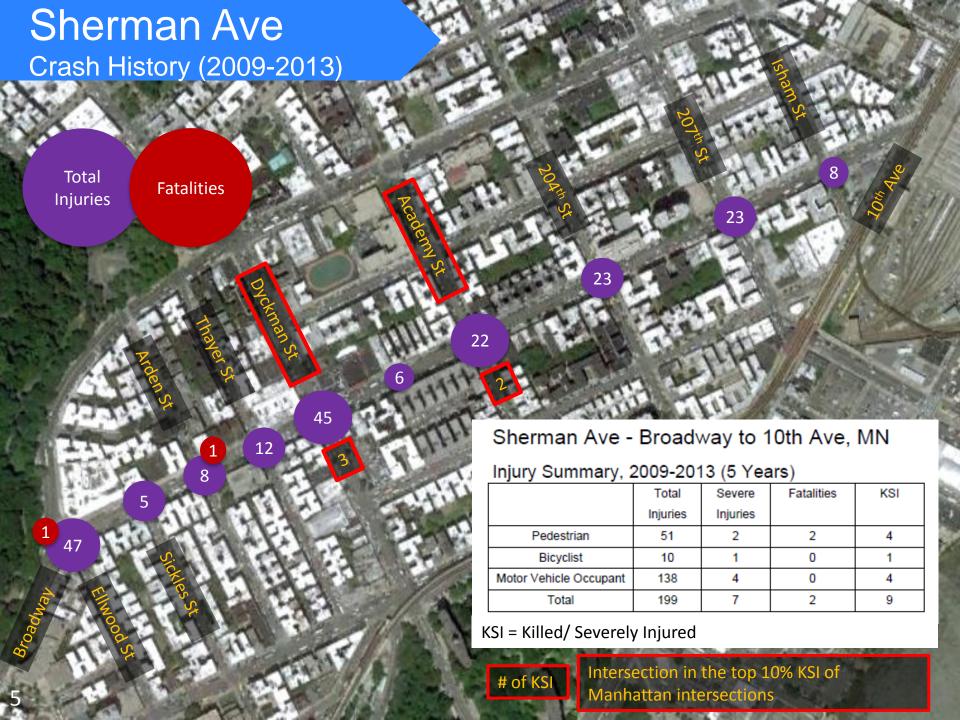


Corridor Project Background

- Vision Zero calls for an expanded bicycle network in Manhattan that improves safety for all road users
- CB 12 requested a network of bike routes in 2012
- CB 12 approved Phase 1 bike routes and DOT began implementation in 2014
- Sherman Ave scheduled for repaving this summer provides an opportunity to improve road configuration







St Nicholas Ave

Crash History (2009-2013)

 High Crash Corridor with 20 people killed or severely injured (KSI) per mile, ranking in the top third of Manhattan corridors



Total Injuries

of KSI

Intersection in the top 10% KSI of Manhattan intersections

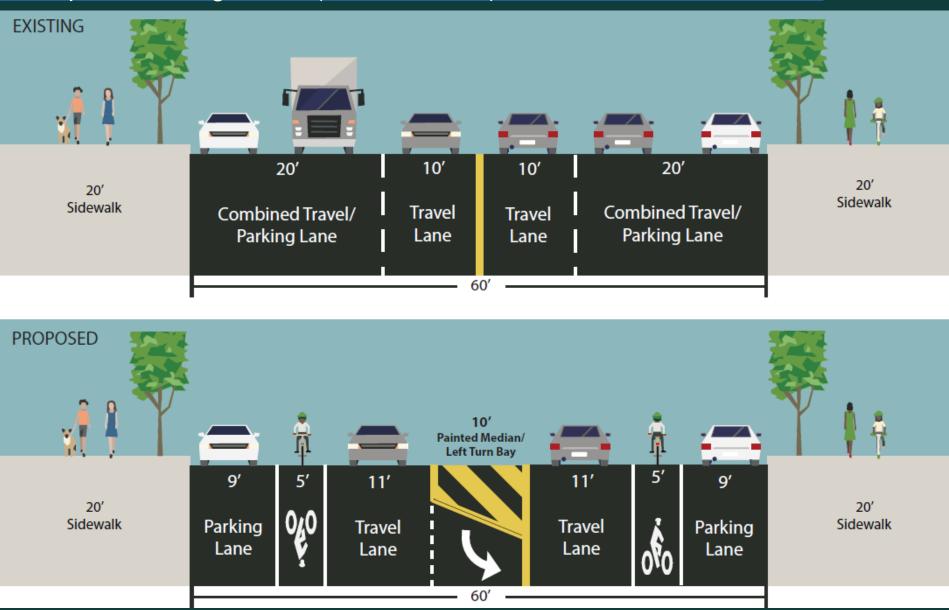
St Nicholas Ave - Broadway to W 193rd St, MN

Injury Summary, 2009-2013 (5 Years)

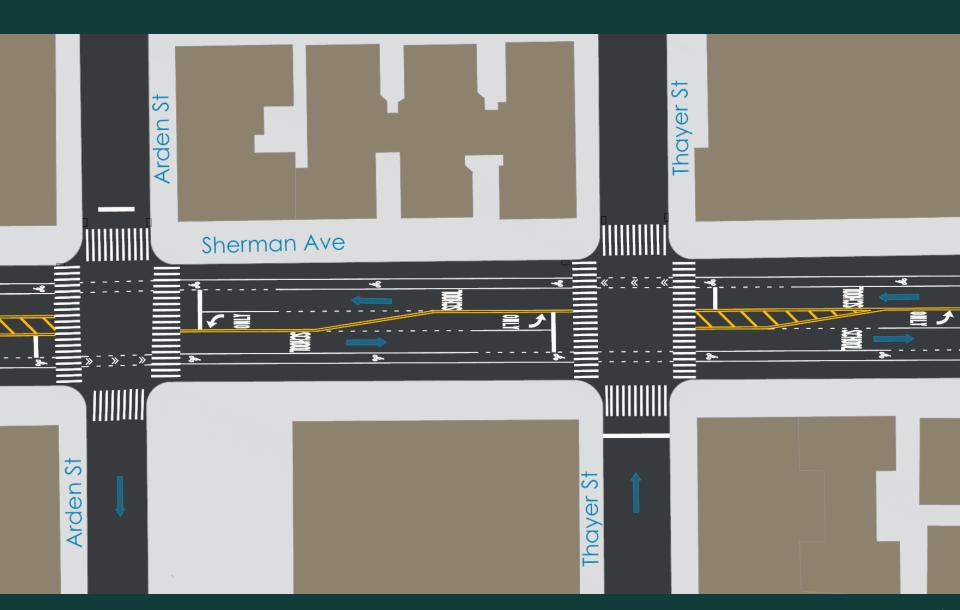
	Total	Severe	Fatalities	KSI
	Injuries	Injuries		
Pedestrian	141	18	0	18
Bicyclist	29	2	0	2
Motor Vehicle Occupant	234	5	0	5
Total	404	25	0	25

KSI = Killed/ Severely Injured

Proposed Configuration (Cross Section)



Proposed Configuration (Sample Block)





Safety Results from Similar Treatments

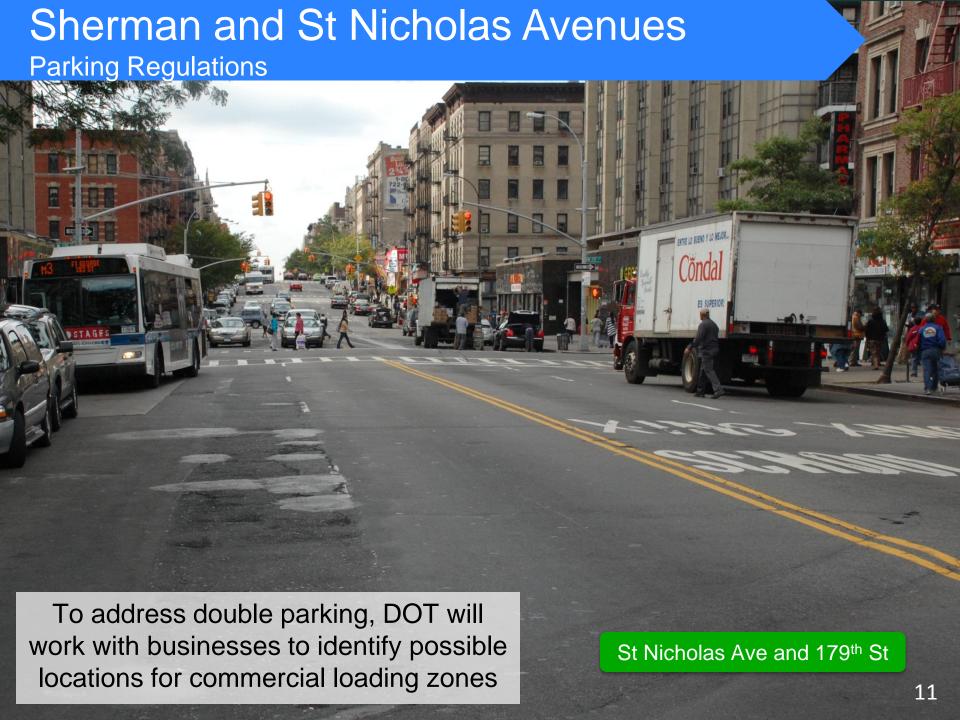
4 lane to 3 lane Traffic Calming

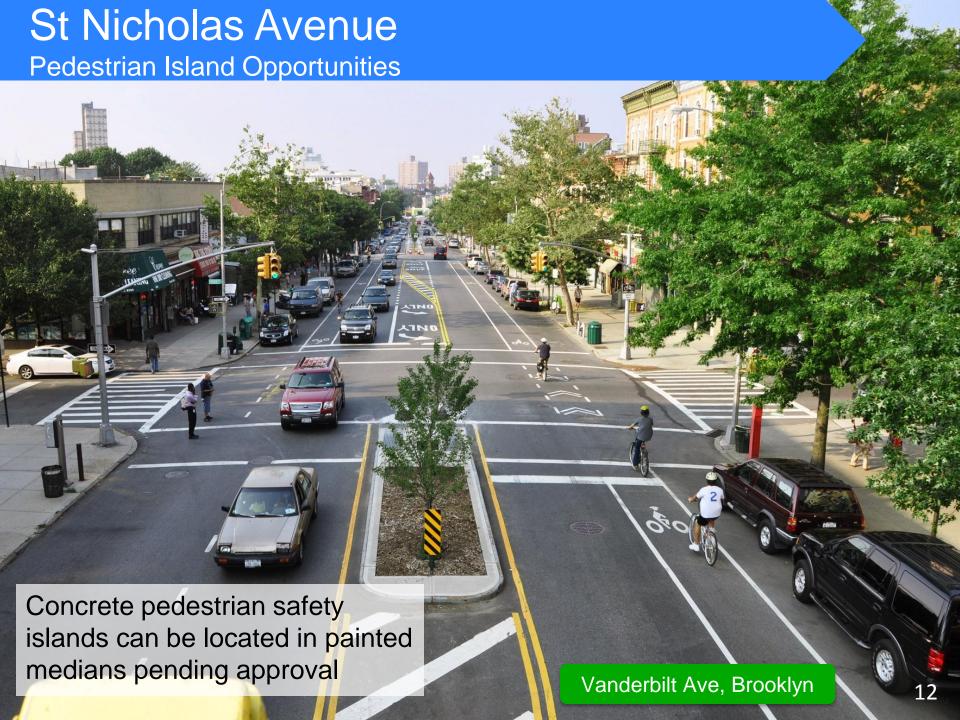
PROJECT	CRASHES WITH INJURIES (% CHANGE)	
West 6th Street, BK	-24%	
Empire Boulevard, BK	-15%	
Allerton Avenue, BX	-28%	
Gerritsen Avenue, BK	-40%	
Southern Boulevard, BK	-20%	
Randall Avenue, BX	-22%	
Macombs Road, BX	-44%	

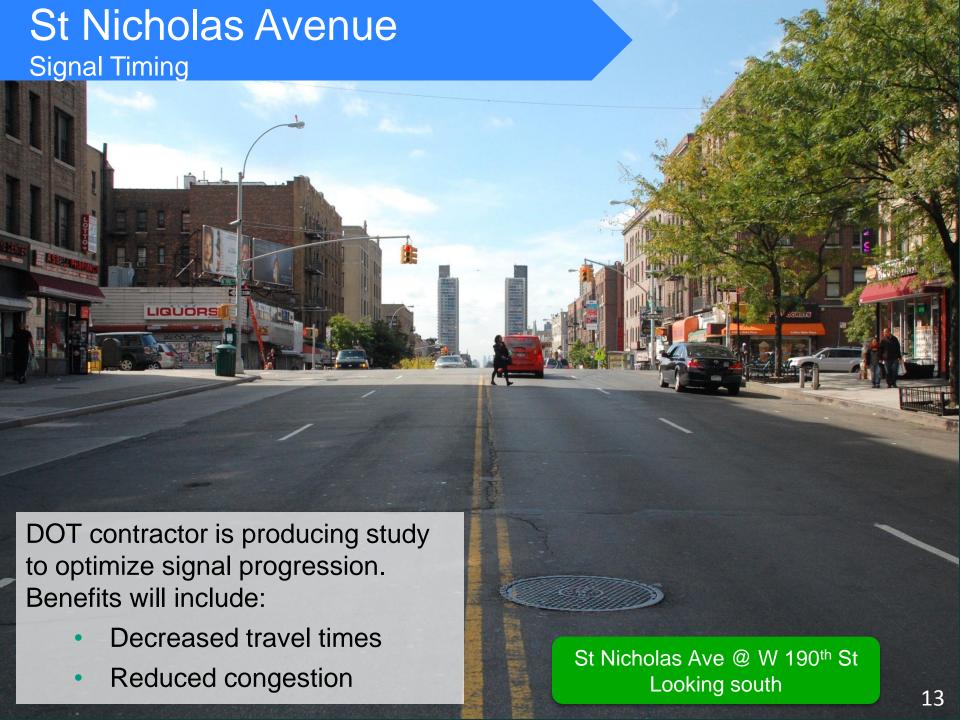
Reducing the number of travel lanes and installing bike lanes improves safety for all street users









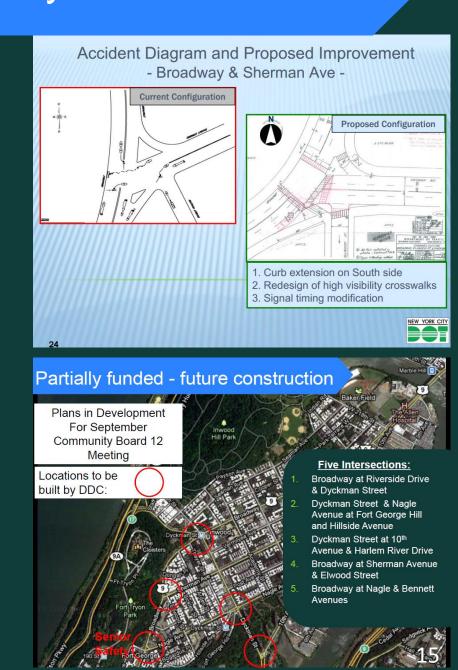




- Enhances safety for all street users
- Expands the bicycle network by creating new bicycle connections
- Improves safety at left-turn intersections
- Reduces opportunities for speeding and reckless driving

Project Background

- The Sherman Creek/Inwood Traffic Study, presented on April 5th 2010 to CB 12, developed recommendations for pedestrian safety at 16 critical intersections, including Broadway & Sherman Ave
- Inwood Safety Improvements to CB 12 on May 2nd 2011 and received a resolution in support; Broadway & Sherman Ave identified as future Department of Design and Construction (DDC) project
- No longer planned for capital project; in-house project developed

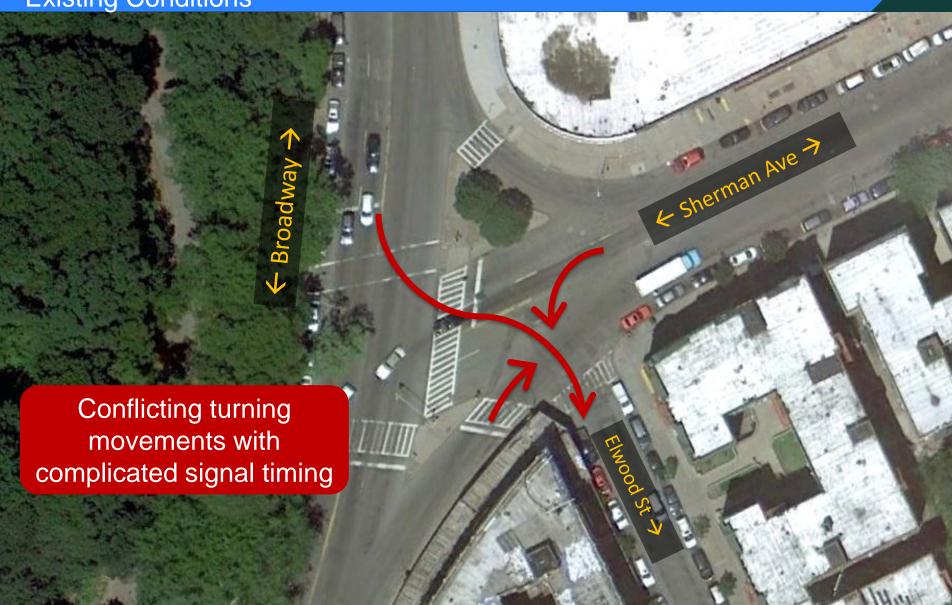


Crash History (2009-2013) 9 47 Total **Pedestrian** Pedestrian Injuries Injuries **Fatality** Broadway is a Vision Zero Priority Corridor 16

Existing Conditions



Existing Conditions



Existing Conditions



Conflicting turns

Pedestrian desire line at Ellwood St

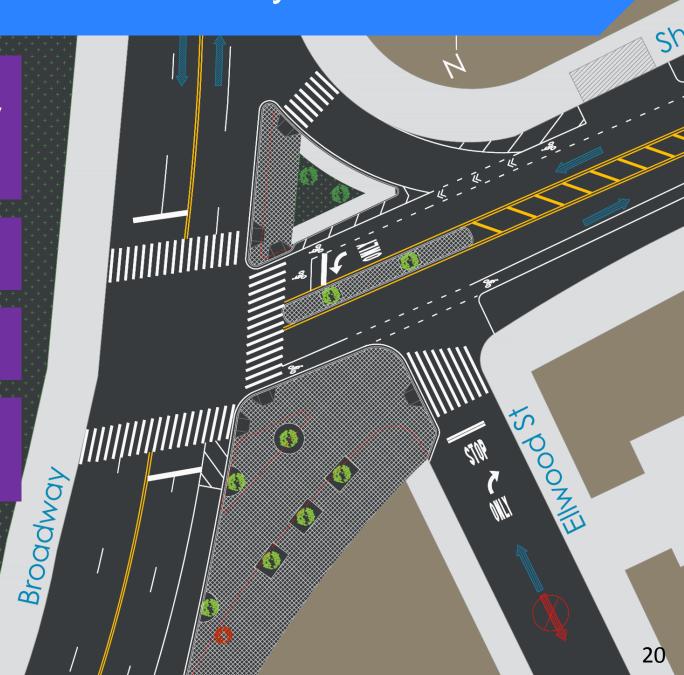
Proposal

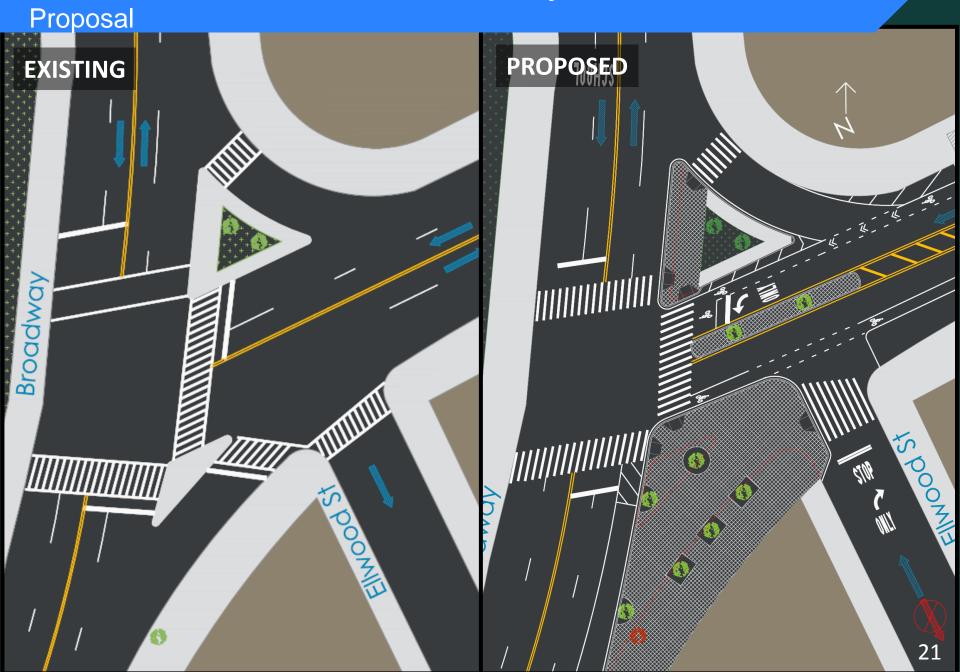
Close right turn slip lane from Broadway with concrete sidewalk extension

Expand northern island

Construct median island with trees

Reverse Ellwood St between Nagle and Sherman Aves





Proposal CVS Pharmacy - Photo (a) Right Turn Only Cachapas Fort Tryon Park at Sherman Ave 809 Bar & Grill 11 ff Dy Gazebo Reverse Ellwood (SB to NB) Margaret Corbin Di Nagle Ave From Sherman to Nagle City College Academy of the Arts W 196th St Leaf 9 Dyckman St [1] M Nagle Ave YM & YWHA of Washington Heights... Public School 152 Dyckman Valley Apex Supply Bennett Ave US Post Office

