

Safe Streets for Seniors

Washington Heights

Community Board 12 – May 7, 2012

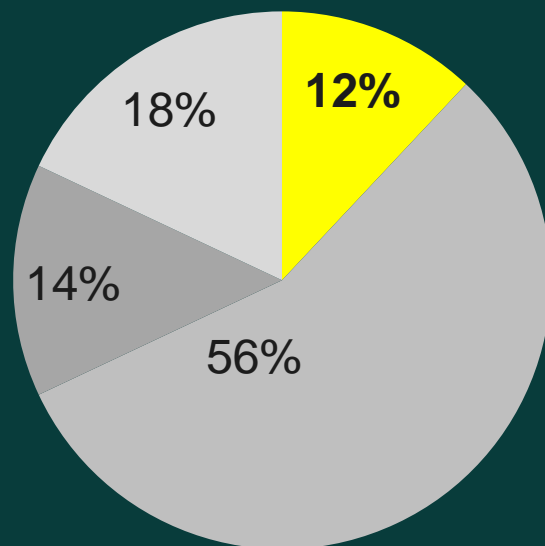
2012



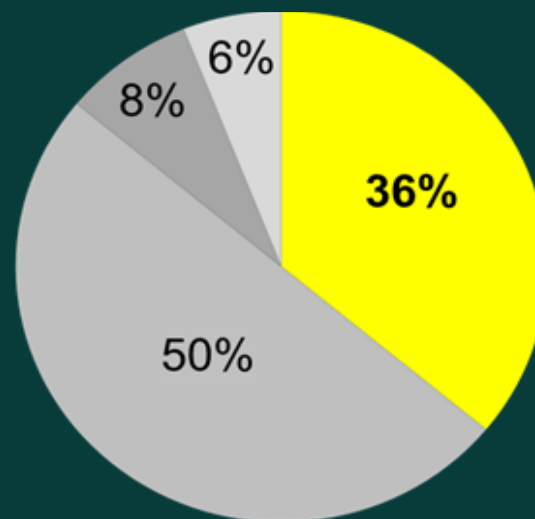
Senior Pedestrians

- 58% decrease in pedestrian fatalities in NYC since 1990
- 12% of the population in NYC are seniors
- 36% of pedestrian fatalities are seniors

NYC Population



NYC Traffic Fatalities

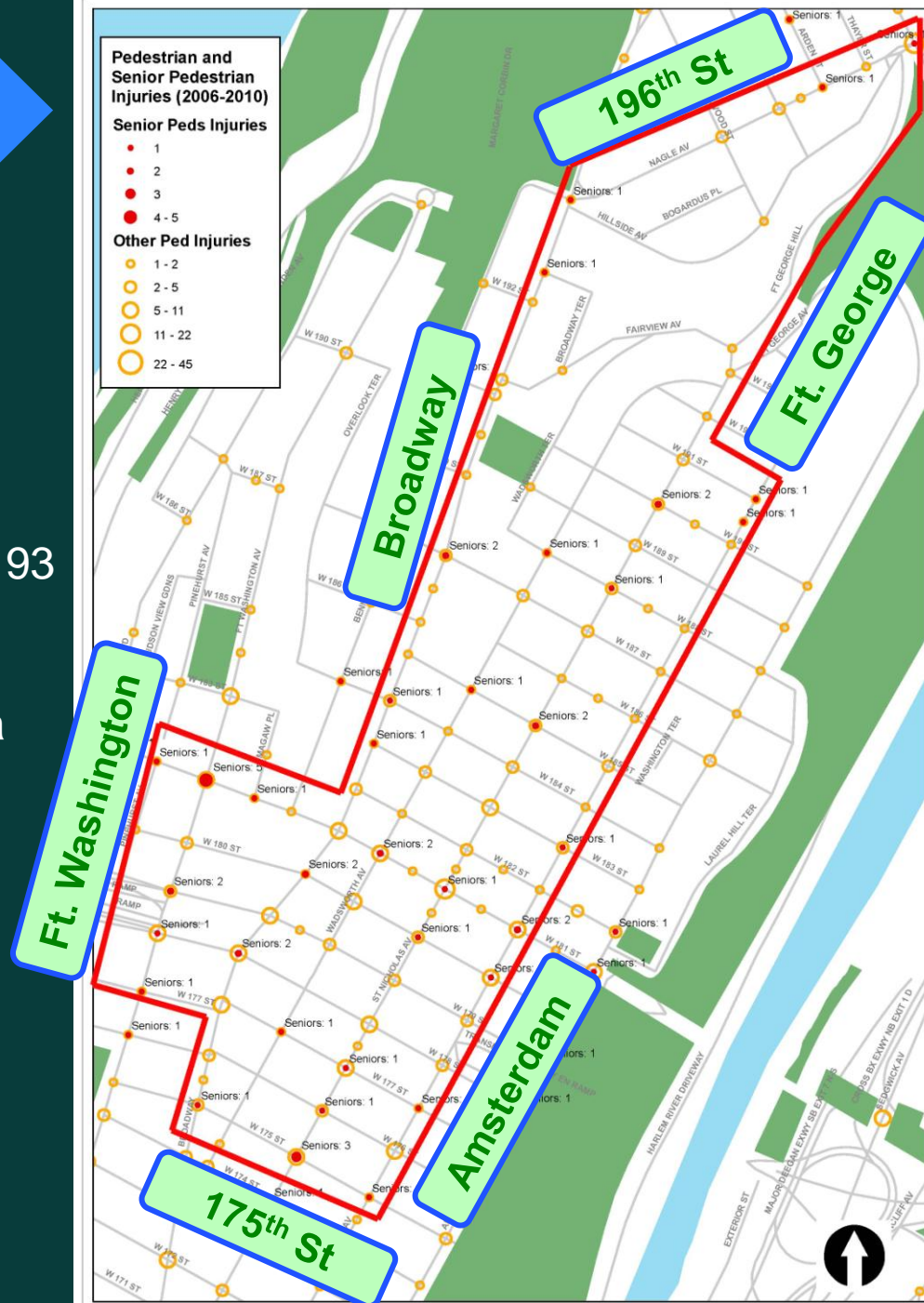


- Seniors (65+)
- Adults (25-65)
- Young Adults (15-24)
- Children (0-14)

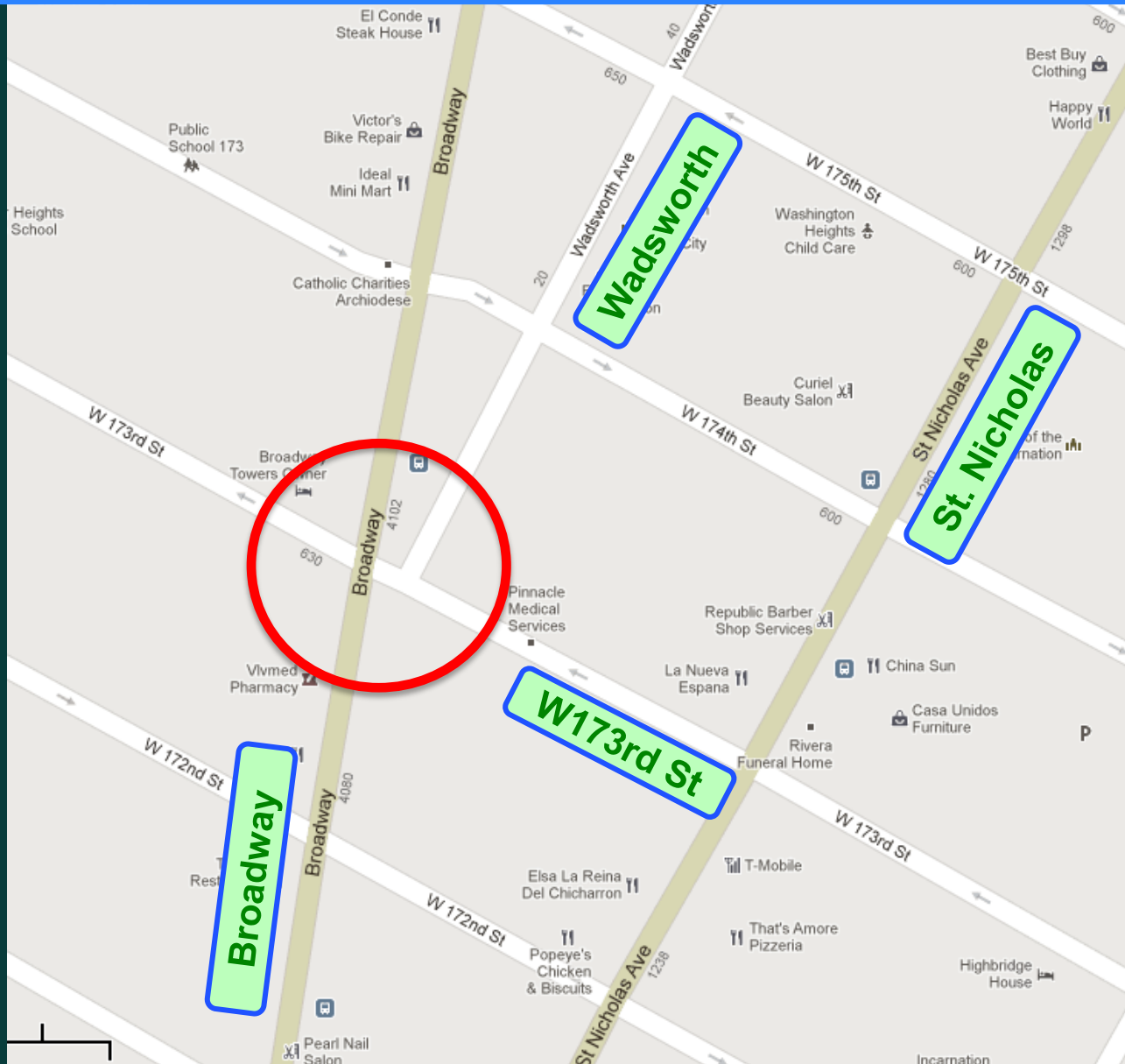
Source: 2006-2010 NYCDOT-NYPD Fatality Database; 2010 U.S. Census

Washington Heights Senior Area Map

- Two major projects within area
 - Broadway, Wadsworth & W173
 - Ft George, St Nick, Audobon & W193
- General improvements throughout area



Project Area: Broadway, Wadsworth & W173rd



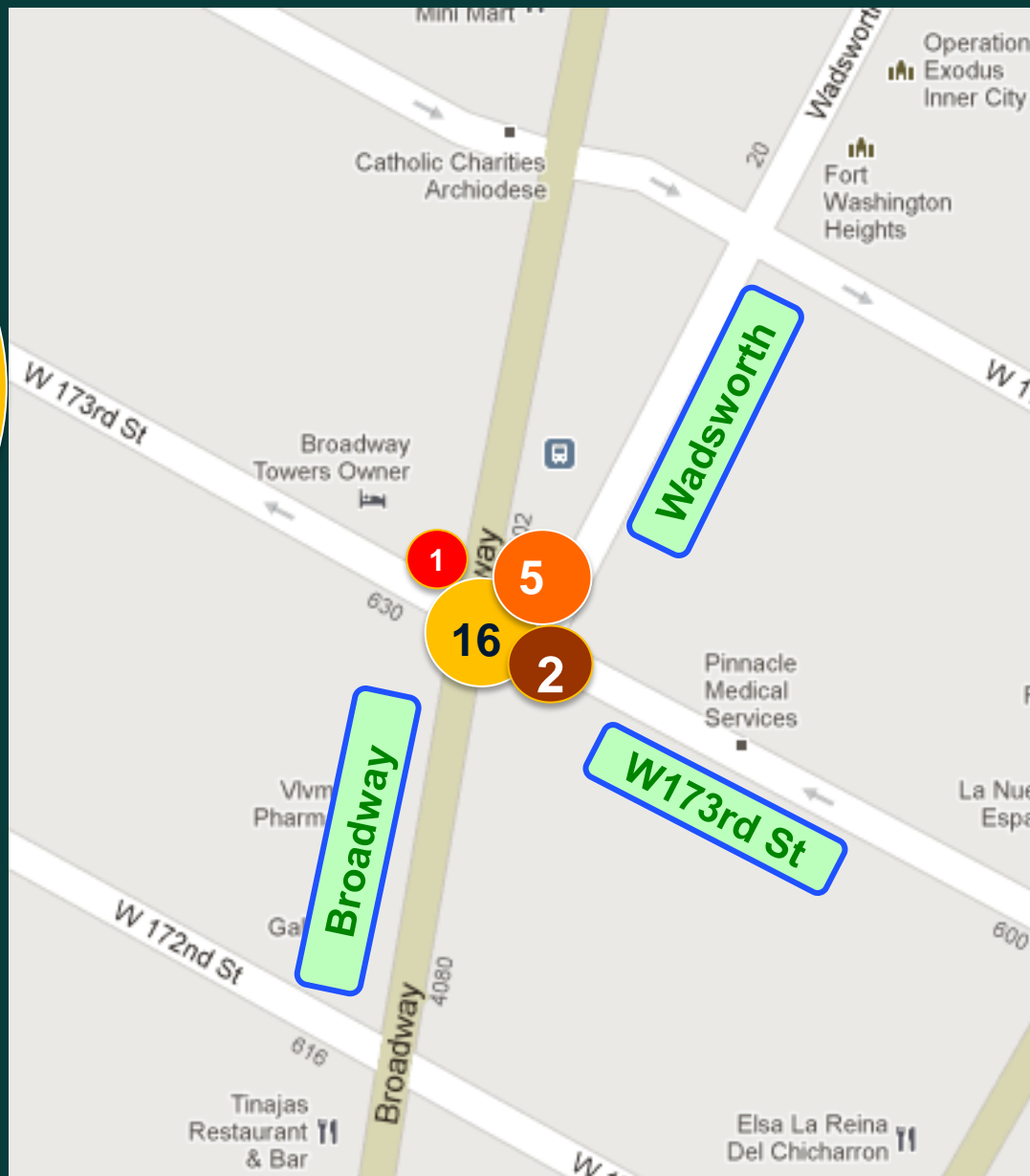
Safety Data: Broadway, Wadsworth & W173rd

Total
Fatalities
2006-
2012

Total
(Motor vehicle
occupant, bicycle +
pedestrian) Injuries
2006-2010

Pedestrian
Injuries
2006-2010

Senior
Pedestrian
Injuries
2006-2010



Need: Why Broadway, Wadsworth & W173rd

Long crossing distances

- 1 senior pedestrian fatality crossing Broadway
- Complicated intersection with multiple legs



Unsafe midblock crossings

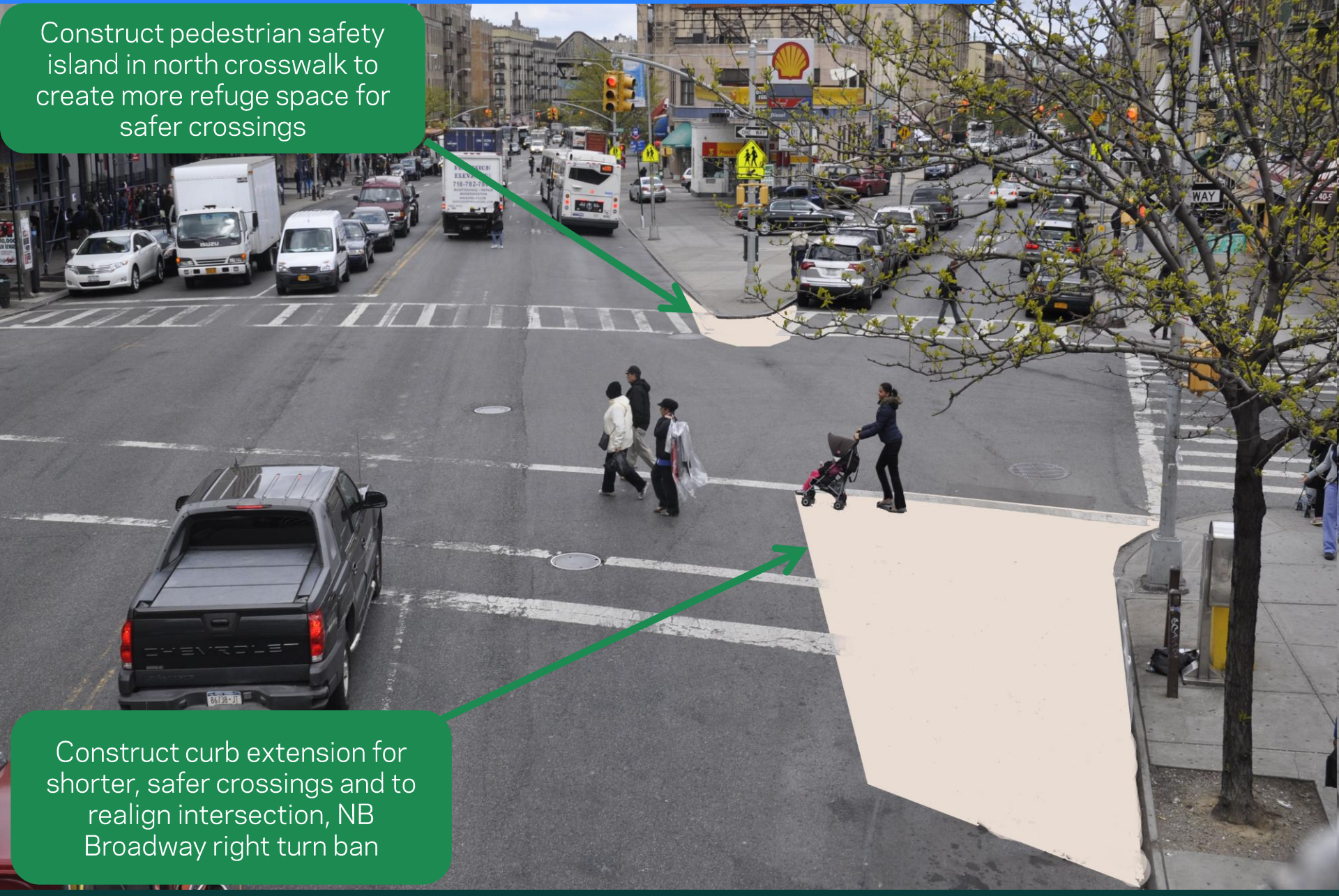


Little refuge for pedestrians



Proposal Details

Construct pedestrian safety island in north crosswalk to create more refuge space for safer crossings



Construct curb extension for shorter, safer crossings and to realign intersection, NB Broadway right turn ban

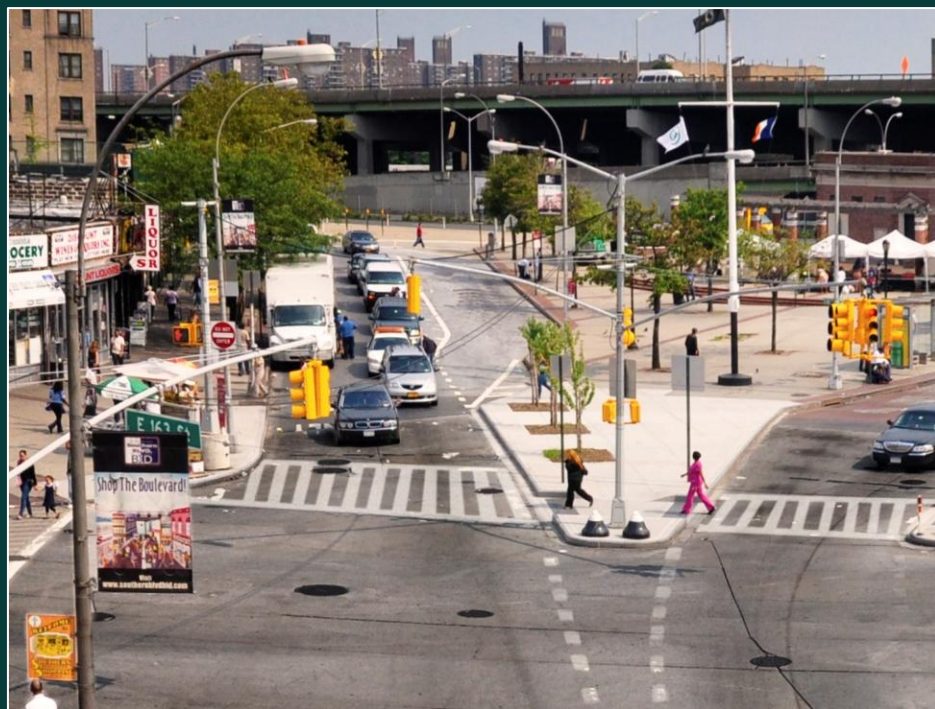
Alternative Routes for Wadsworth Ave

Ban Right Turns
from
N/B Broadway
onto N/B
Wadsworth Ave

Volumes: 54 AM
102 PM



Examples of Treatments

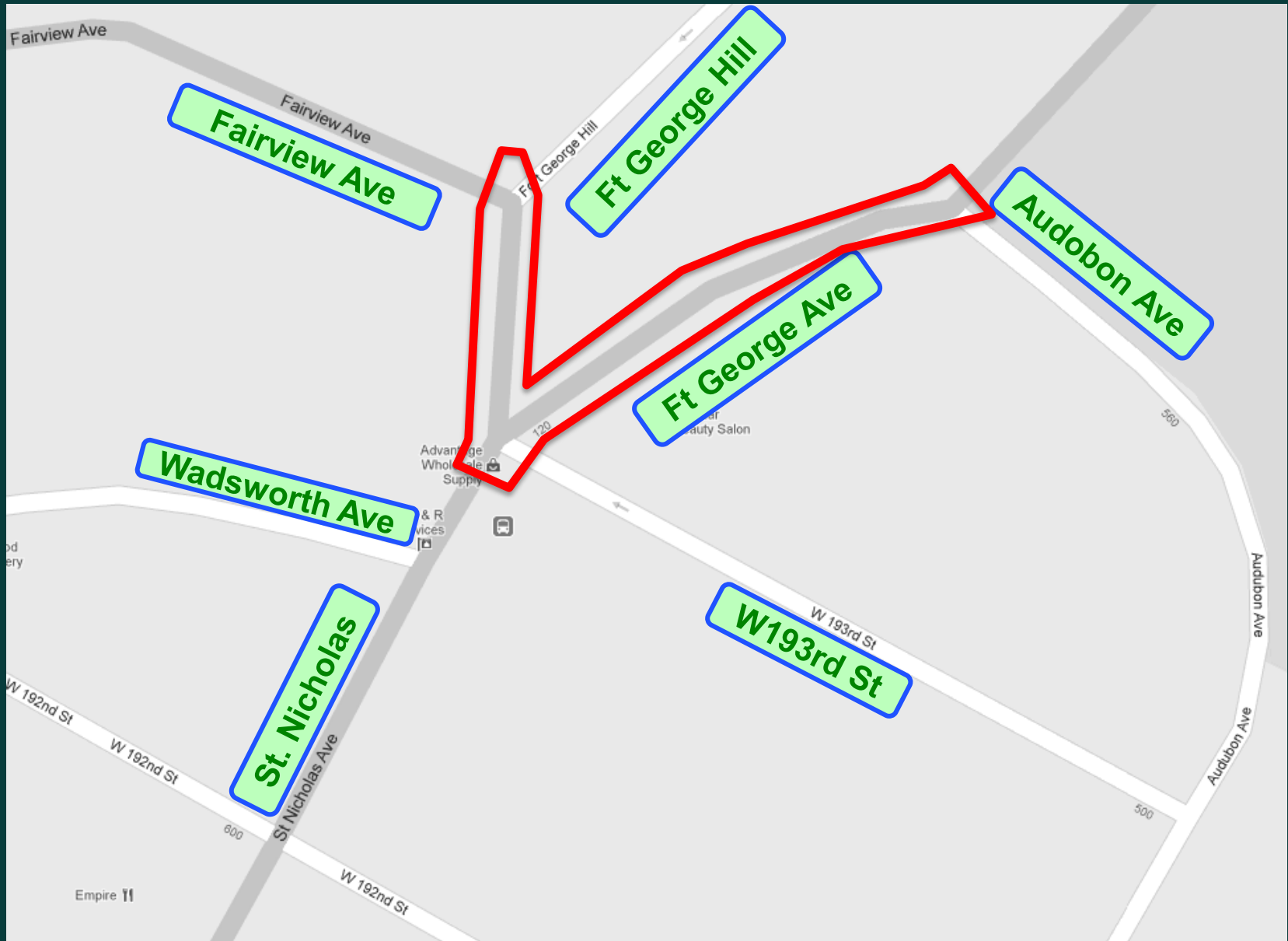


Example of proposed tip extension on Southern Blvd at Hunts Point Ave, Bronx



Example of proposed large curb extension on Empire Blvd at Flatbush Ave, Brooklyn

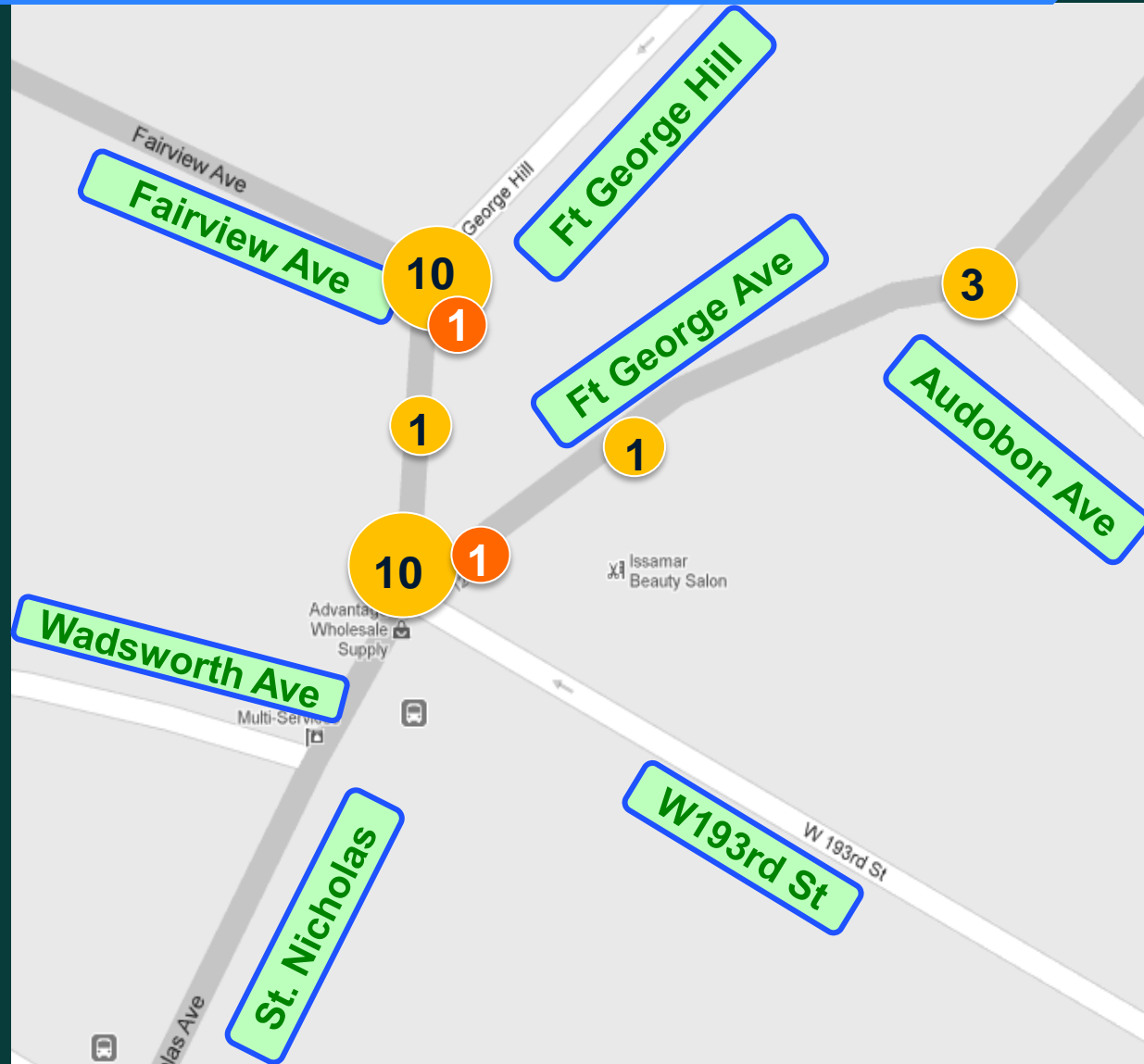
Project Area: Ft George, St Nick, Audobon & W193rd St



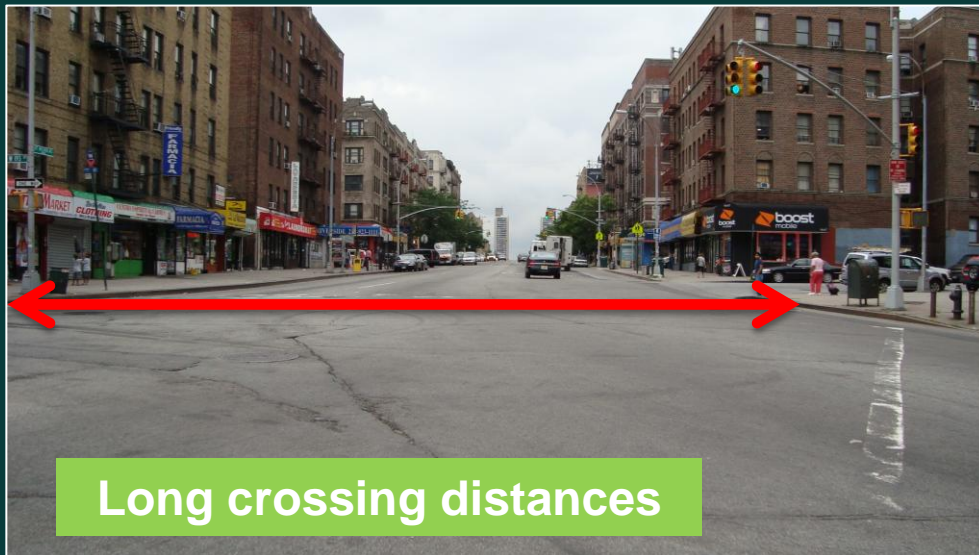
Safety Data: Ft George, St Nick, Audobon & W193rd St

Total
(Motor vehicle
occupant, bicycle +
pedestrian) Injuries
2006-2010

Pedestrian
Injuries
2006-2010



Need: Why Ft George, St Nick, Audobon & W193rd St

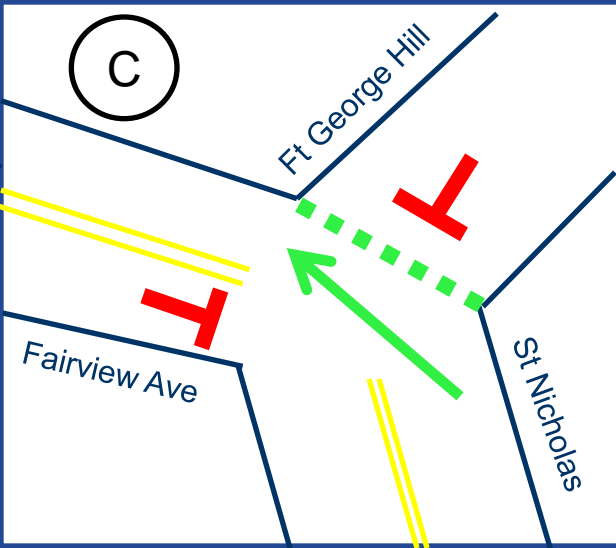
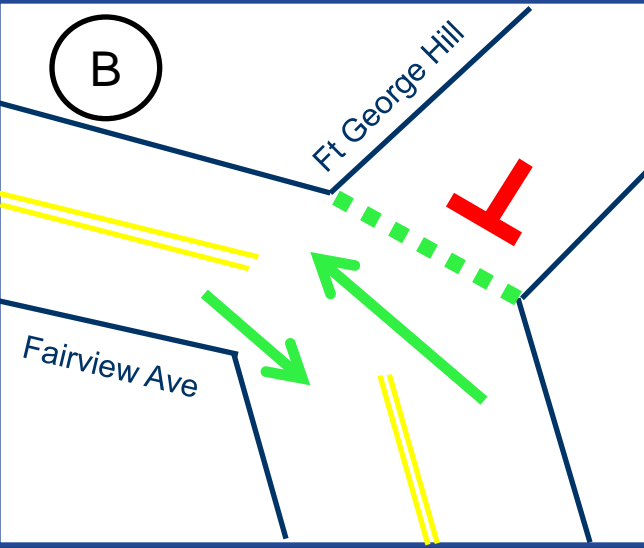
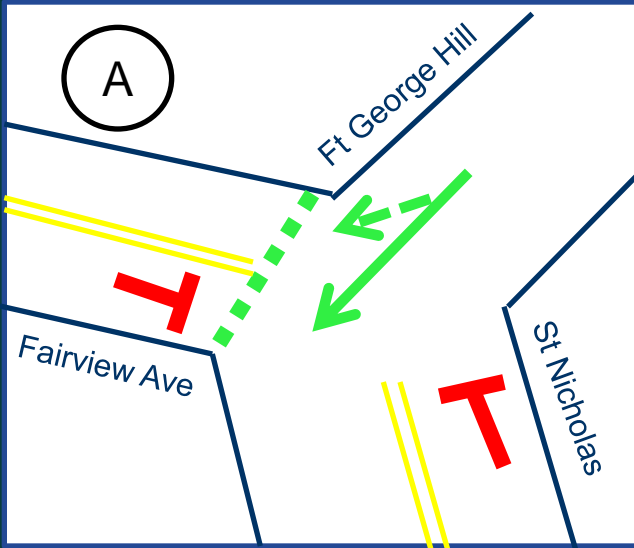


Existing Signal Timing: St Nicholas Ave / Ft George Hill / Fairview Ave

S/B Ft George Hill: 30 Seconds

S/B Fairview + N/B St Nick: 25 Seconds

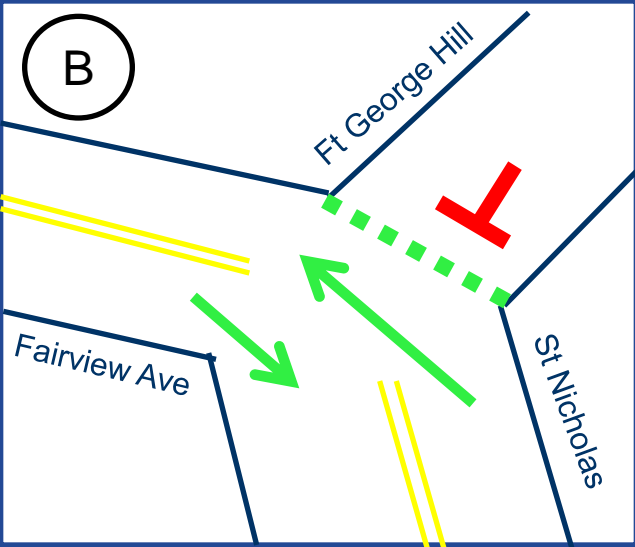
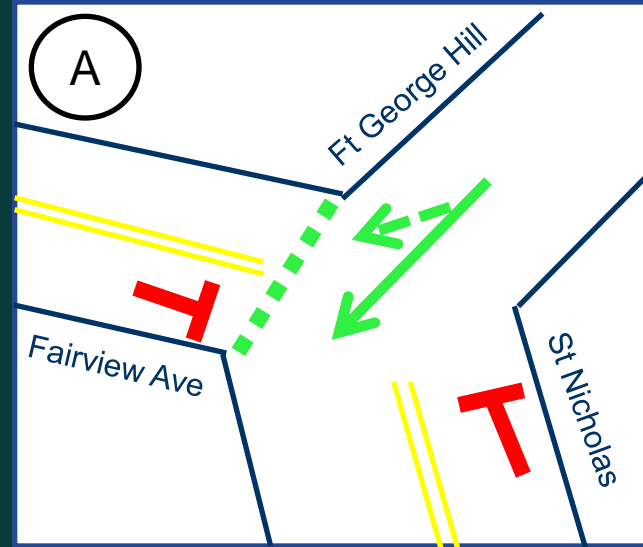
N/B St Nick: 35 Seconds



Proposed Signal Timing

S/B Ft George Hill: 43 Seconds

S/B Fairview + N/B St Nick: 47 Seconds

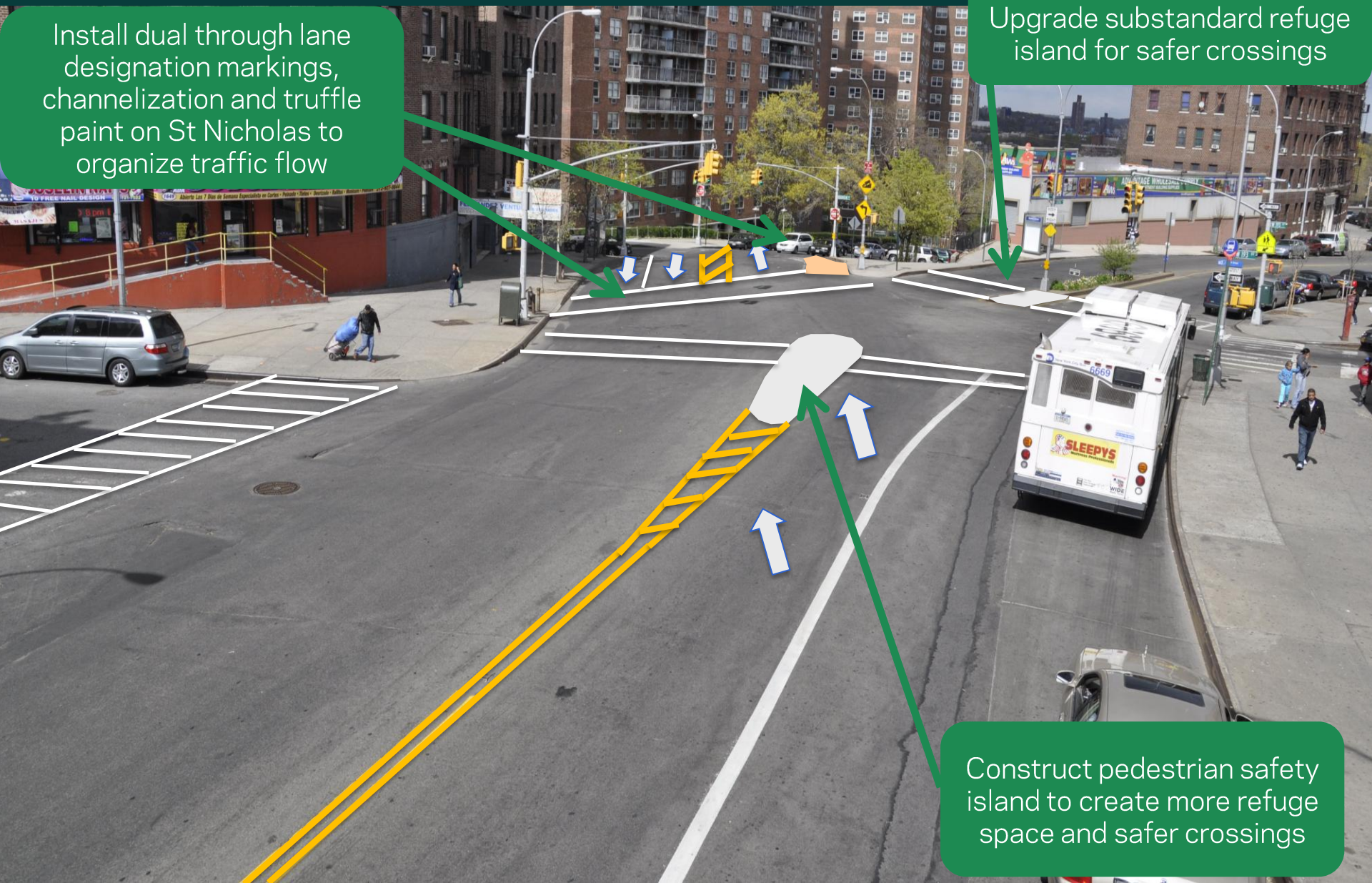


Proposal Details

Install dual through lane designation markings, channelization and truffle paint on St Nicholas to organize traffic flow

Upgrade substandard refuge island for safer crossings

Construct pedestrian safety island to create more refuge space and safer crossings



Alternative Routes for Ft George Ave

Ban Left Turns
from
S/B St. Nick onto
N/B Ft. George
Ave

Volumes: 176 AM
117 PM



Alternative Routes for Wadsworth Ave

Ban Left Turns
from
Wadsworth Ave
on N/B St Nick

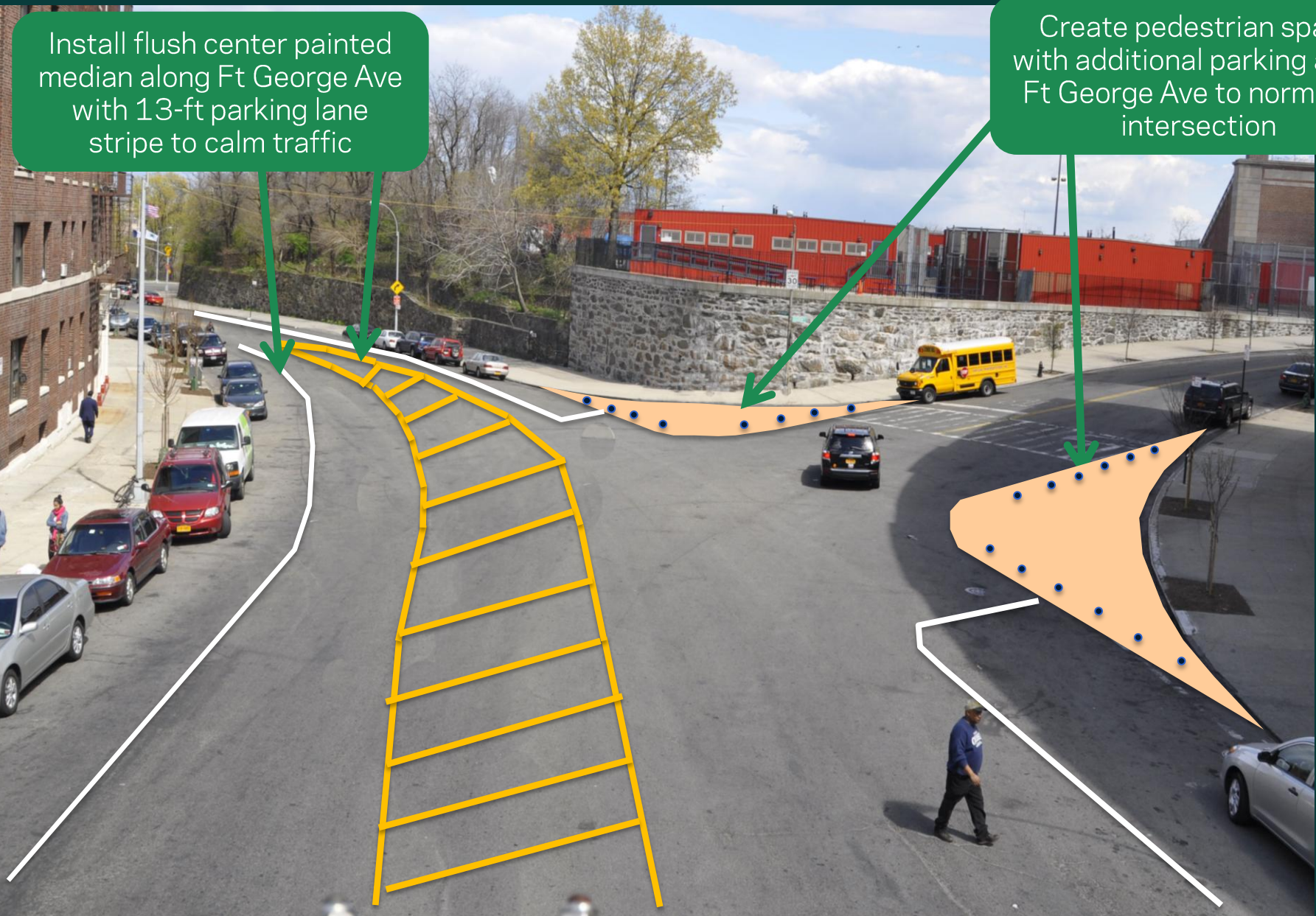
Volumes: 29 AM
60 PM



Proposal Details

Install flush center painted median along Ft George Ave with 13-ft parking lane stripe to calm traffic

Create pedestrian space with additional parking along Ft George Ave to normalize intersection



General Senior Area Improvements

Throughout the Site:

- Upgrade crosswalks to high visibility crosswalks
- Install pedestrian countdown signals
- Reconstruct broken pedestrian ramps



Signal Timing Improvements

- 1 new signal installed
- All signals in area were modified to accommodate slower walking speeds

Location	Total Number of Existing Signals in Site	Number of Signals with More Crossing Time
Ft Washington Ave	6	0
Broadway	16	11
St Nicholas Ave	19	15
Audobon Ave	15	2
Wadsworth Ave	16	11
Nagle Ave	4	0

Possible CityBench Locations

Potential CityBench sites in front of senior/community centers



* YMWA-of Wash Heights/Inwood Senior Center
(Nagle Ave btwn Broadway and Ellwood St)



* Wash Heights Com Service Inc (also St Elizabeth's Church
at Wadsworth between 186 and 187 St)

Many potential CityBench sites along M100 bus line on Broadway



* Broadway at W 190th St



* Broadway at Fairview

Questions?

**Thank
You**