

DOWNTOWN JAMAICA TRANSPORTATION STUDY

Safety & Mobility Improvement Projects

Community Board 12
May 9, 2017



SAFETY & MOBILITY IMPROVEMENT PROJECTS



THE NEED FOR ONE-WAY CONVERSIONS



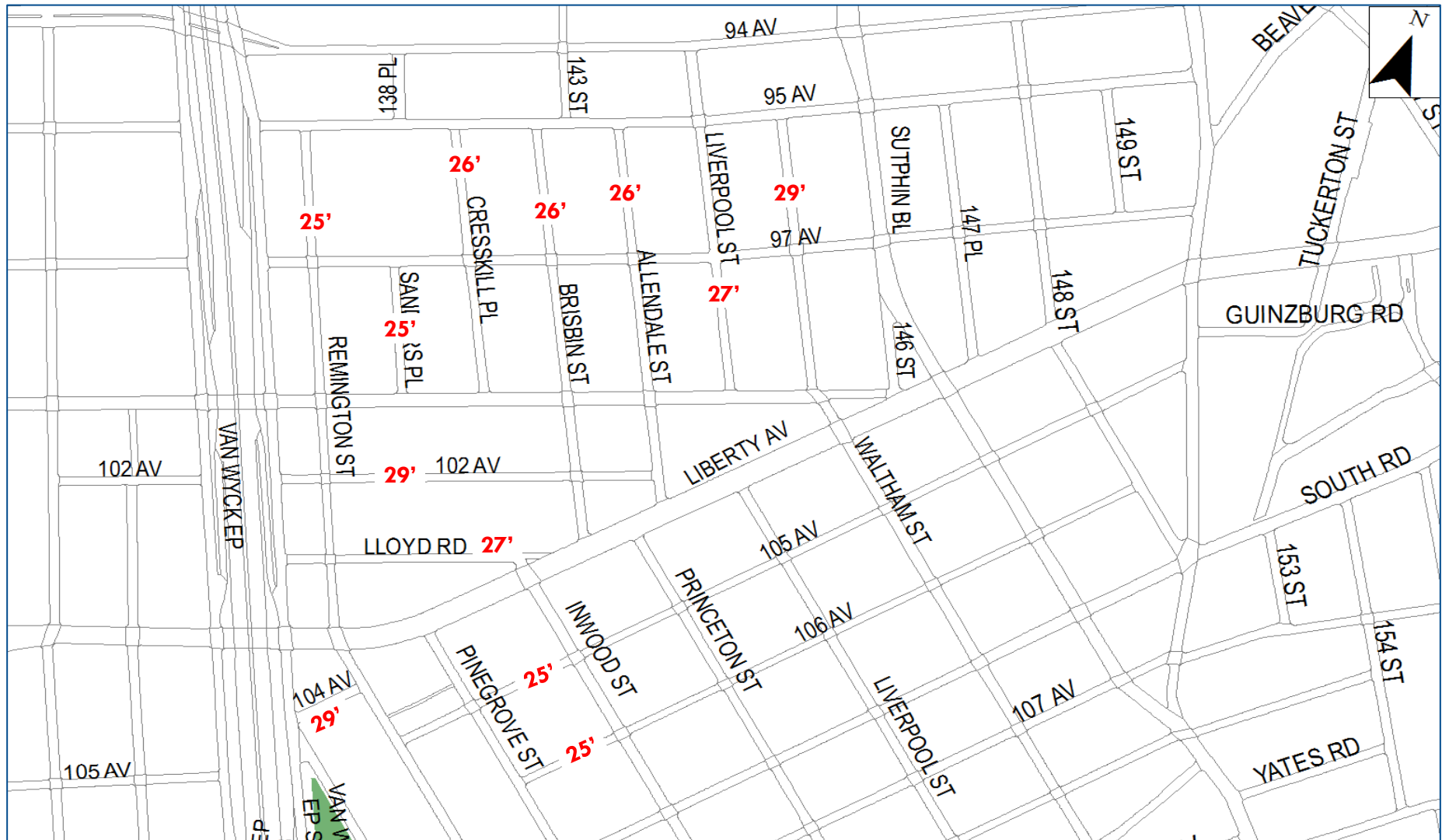
- ❖ Narrow, two-way streets with parking on both sides
- ❖ Roadway widths — less than 30' and as narrow as 25'
- ❖ Safety concerns because streets are too narrow for two-way traffic.

PROPOSED STREETS FOR DIRECTIONAL CHANGES

No.	Street	Limits	Approx. Width
1	Remington Street	Liberty Avenue to 95 th Avenue (5 blocks)	25
2	Sanders Place	97 th Avenue to 101 st Avenue (1 block)	25
3	Cresskill Place	95 th Avenue to 101 st Avenue (2 blocks)	26
4	Brisbin Street	95 th Avenue to Liberty Avenue (4 blocks)	26
5	Allendale Street	95 th Avenue to Liberty Avenue (4 blocks)	26
6	Liverpool Street/Sean Bell Way	94 th Avenue to 101 st Avenue (3 blocks)	27
7	Waltham Street	95 th Avenue to 101 st Avenue (2 blocks)	29
8	102 nd Avenue	Allendale Street to Van Wyck SR E (3 blocks)	29
9	Lloyd Road	Inwood Street to Van Wyck SR E (2 blocks)	27
10	104 th Avenue	Henry Grate Sr. Place to Van Wyck SR E (1 block)	29
11	105 th Avenue	Inwood Street to Henry Grate Sr. Place (2 blocks)	26
12	106 th Avenue	Inwood Street to Pinegrove Street (1 block)	25
13	89 th Avenue	181 st Street to 191 st Street (13 blocks)	varies
14	90 th Avenue	187 th Street to 192 nd Street (6 blocks)	varies

CONVERSIONS - WESTERN CLUSTER

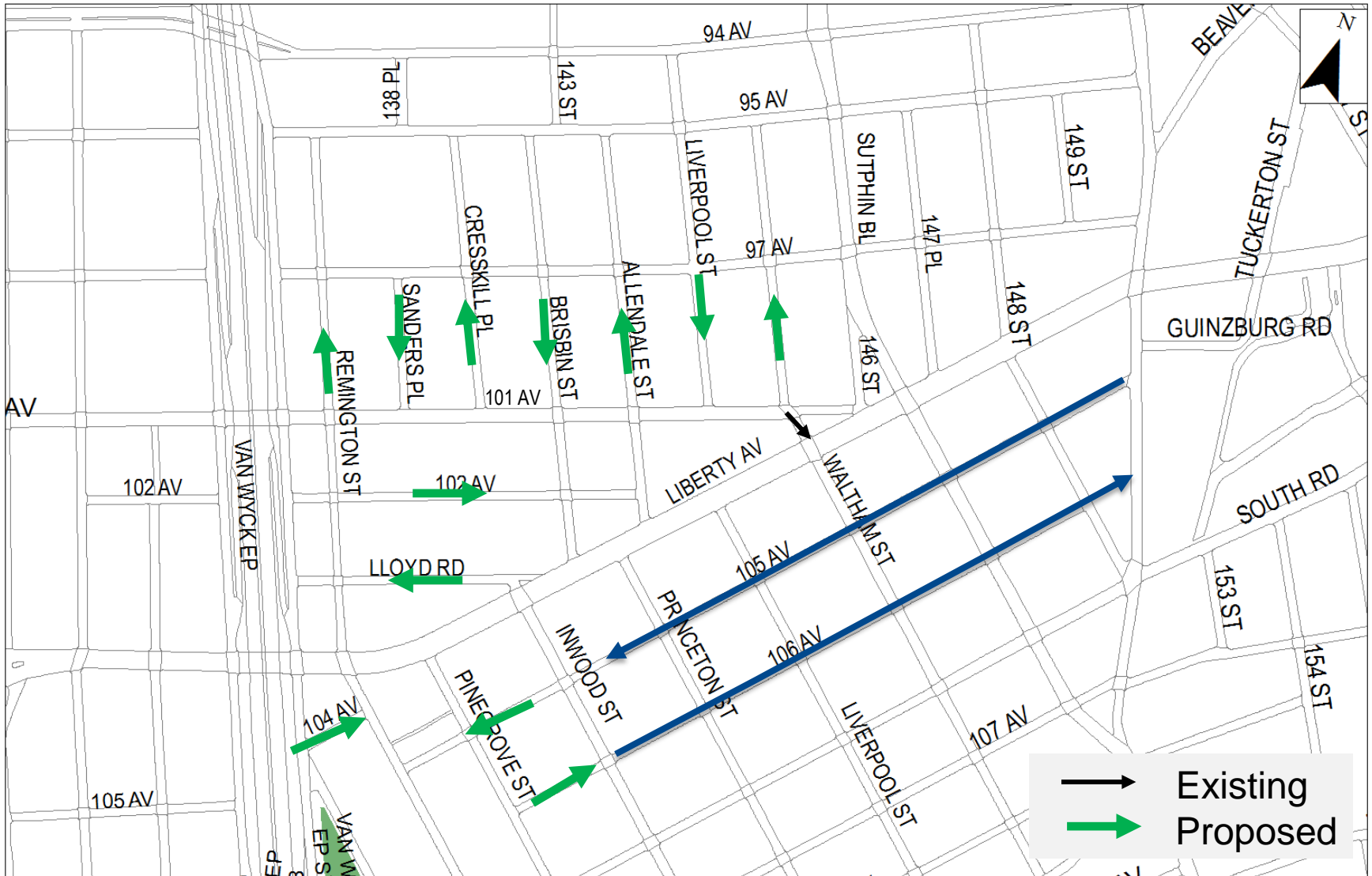
ROADWAY WIDTHS



EXISTING STREET DIRECTIONS



PROPOSED CHANGES

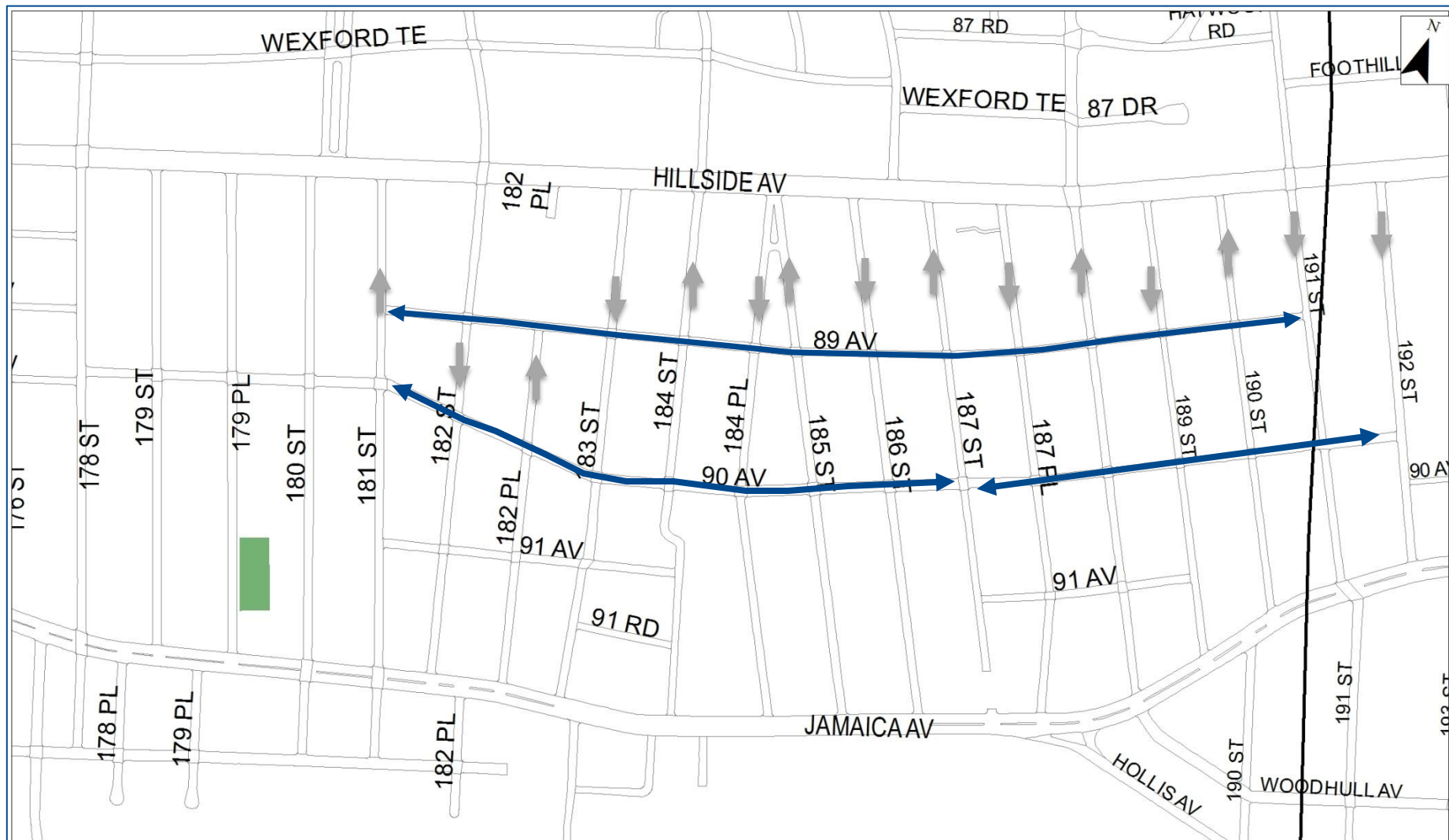


CONVERSIONS - EASTERN CLUSTER

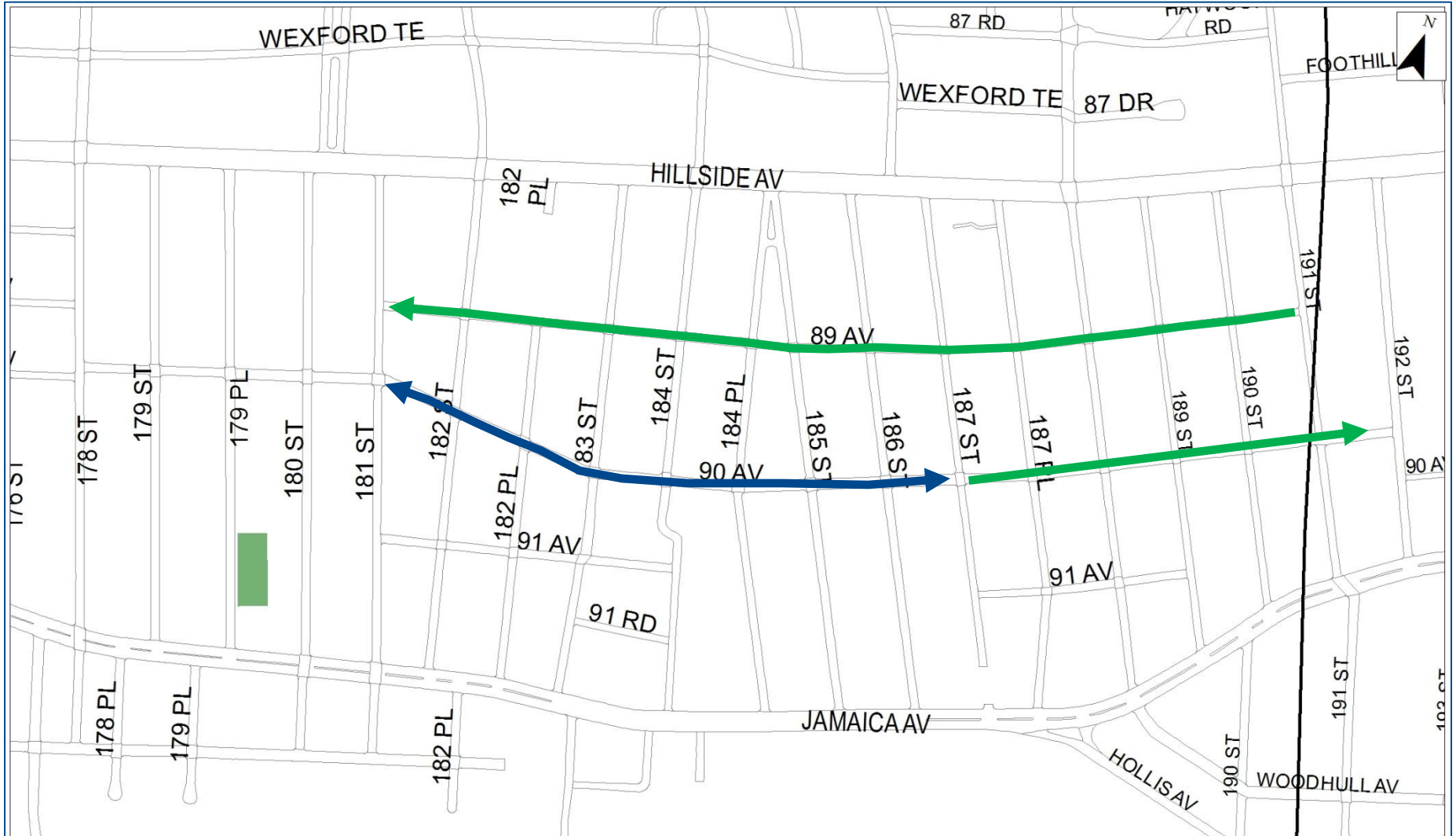
ROADWAY WIDTHS



EXISTING STREET DIRECTIONS



PROPOSED CHANGES



BENEFITS OF THE PROJECT



LIBERTY AVENUE – PEDESTRIAN REFUGE ISLANDS

PROJECT LOCATION



- ❖ Liberty Avenue from Allendale St to Sutphin Blvd
- ❖ Adjacent to Talfourd Lawn Elementary School (PS 50Q)
- ❖ Mix of commercial and industrial land use with high vehicular and low pedestrian volumes

CRASH HISTORY

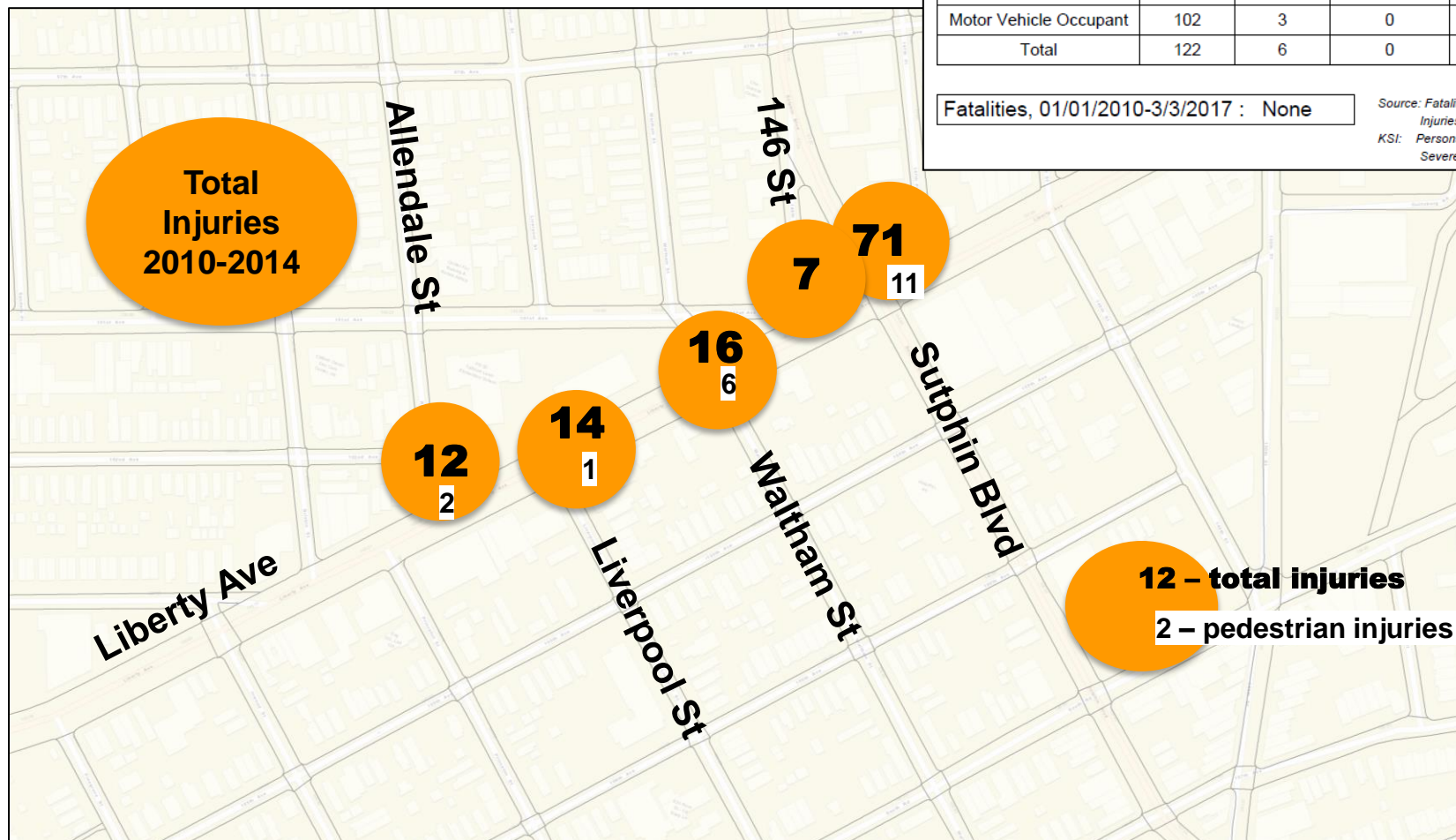
Liberty Ave - Allendale St to Sutphin Bl, QN

Injury Summary, 2010-2014 (5 Years)

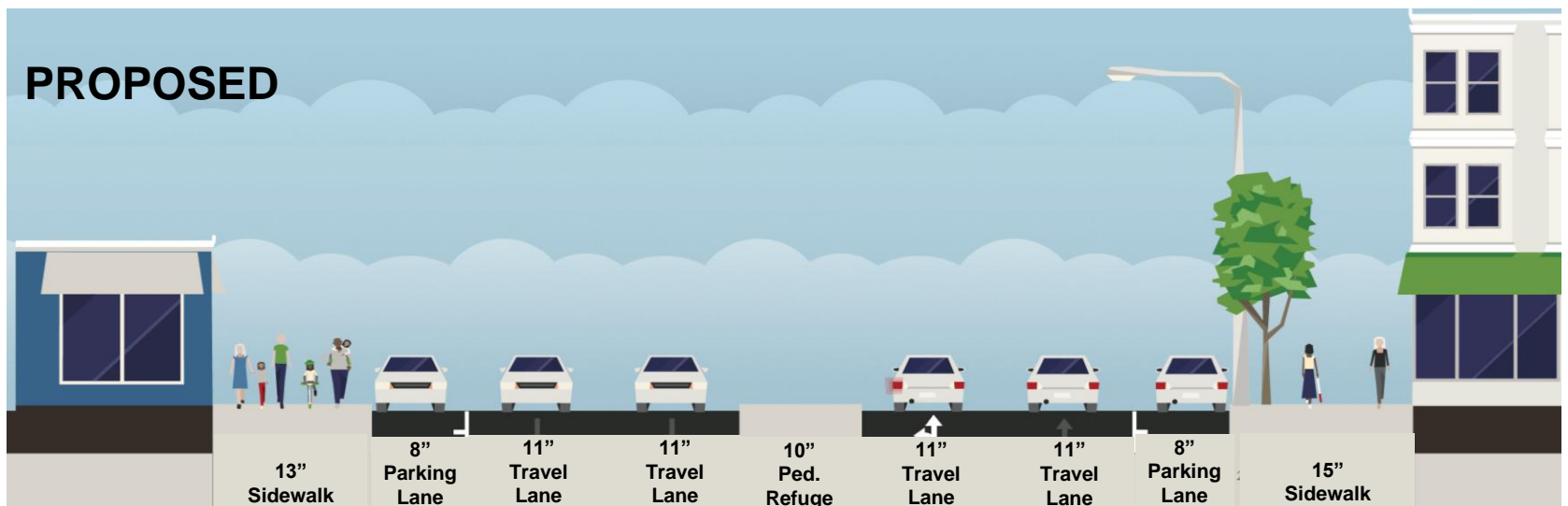
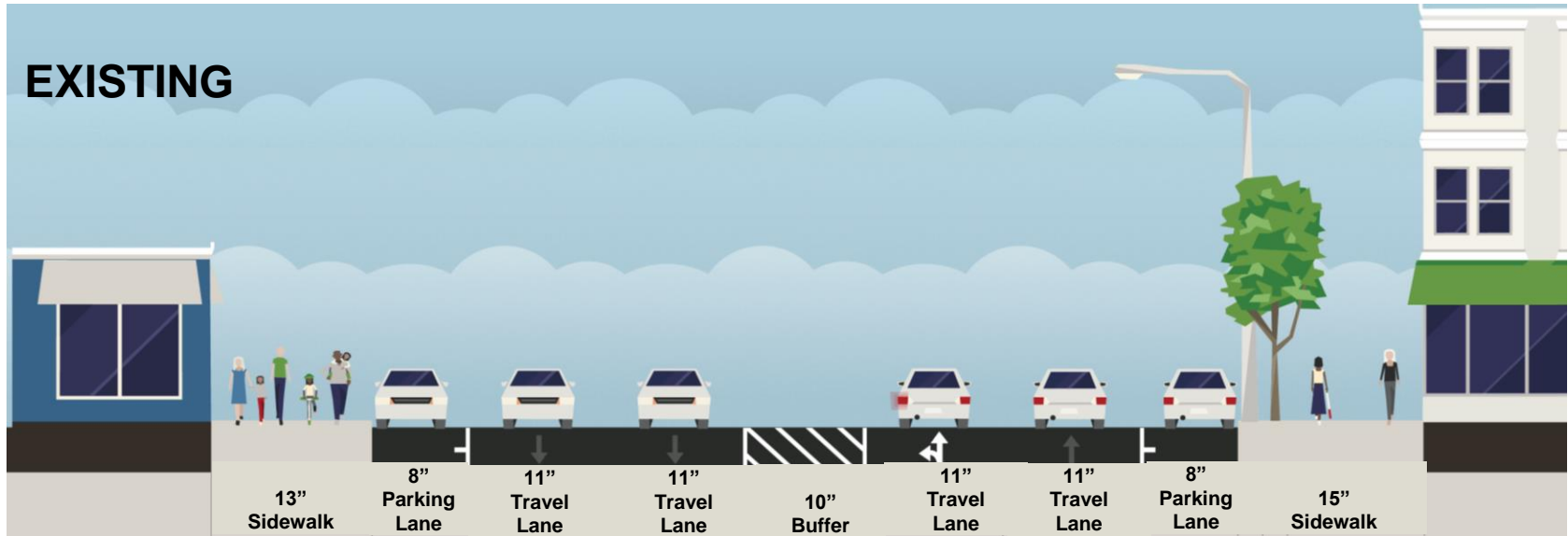
	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	20	3	0	3
Bicyclist	0	0	0	0
Motor Vehicle Occupant	102	3	0	3
Total	122	6	0	6

Fatalities, 01/01/2010-3/3/2017 : None

Source: Fatalities: NYCDOT
Injuries: NYSDOT
KSI: Persons Killed or
Severely Injured



PROPOSAL – LIBERTY AVE PED. ISLANDS



PROPOSAL – PEDESTRIAN REFUGE ISLANDS



PROPOSAL – HARDENED CENTERLINE



BENEFITS OF THE PROJECT



- ❖ Increases pedestrian safety by providing a refuge for slower pedestrians (seniors, children, disabled, etc.)
- ❖ Shortens crossing distances
- ❖ Creates safer left turns from cross streets by slowing turning movements
- ❖ Reduces motor vehicle and pedestrian conflict

SUMMARY



- ❖ One-way conversions reduce congestion, improve traffic flow with simpler movements and enhance safety for all roadway users
- ❖ Pedestrian islands shorten crossing distances for everyone from seniors to school children
- ❖ Hardened center lines calm and slow aggressive vehicular turning, which statistics show can be dangerous and often times deadly
- ❖ Potential implementation: Summer/Fall 2017

THANK YOU!

Questions?



NYC DOT



NYC DOT



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NYC DOT