



E 98TH ST: E NEW YORK AVE TO HEGEMAN AVE

School Safety Improvements

Presentation for CB 17 April 18, 2018

PROJECT BACKGROUND

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VISION ZERO PRIORITY

Brooklyn Priority Geographies

Vision Zero

- Multi-agency effort to reduce traffic fatalities in NYC
- Borough Action Plans released in 2015
- Priority Intersections, Corridors, and Areas identified for each borough

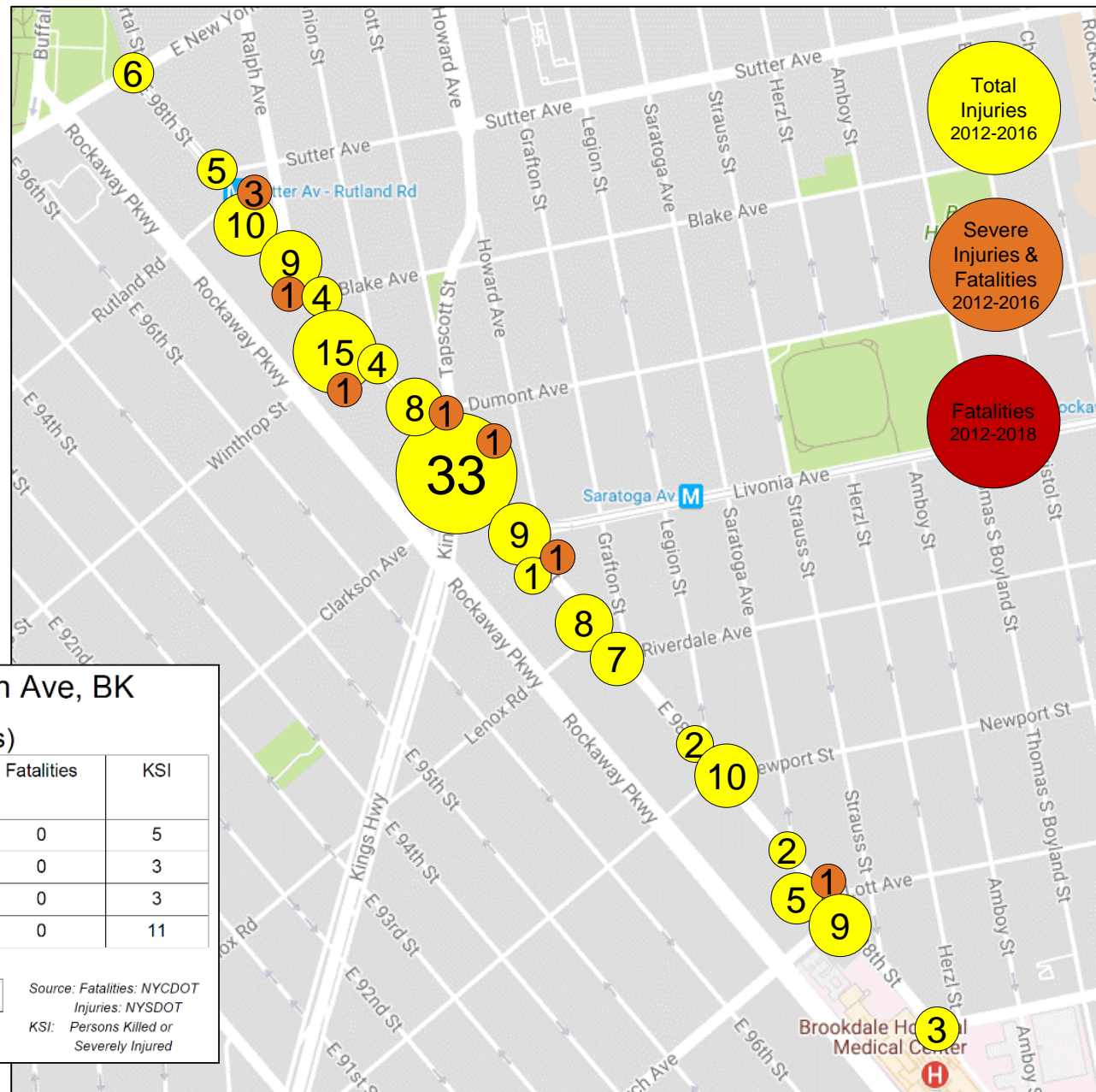
E. 98 St.

- Located in a Priority Area
- Intersects with 3 Priority Corridors (Ralph Ave, Livonia Ave, Church Ave)



CRASH DATA

E 98 St: E New York Ave to Hegeman Ave
(2012-2016)



E 98 St - E NY Ave to Hegeman Ave, BK

Injury Summary, 2012-2016 (5 Years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	53	5	0	5
Bicyclist	9	3	0	3
Motor Vehicle Occupant	100	3	0	3
Total	162	11	0	11

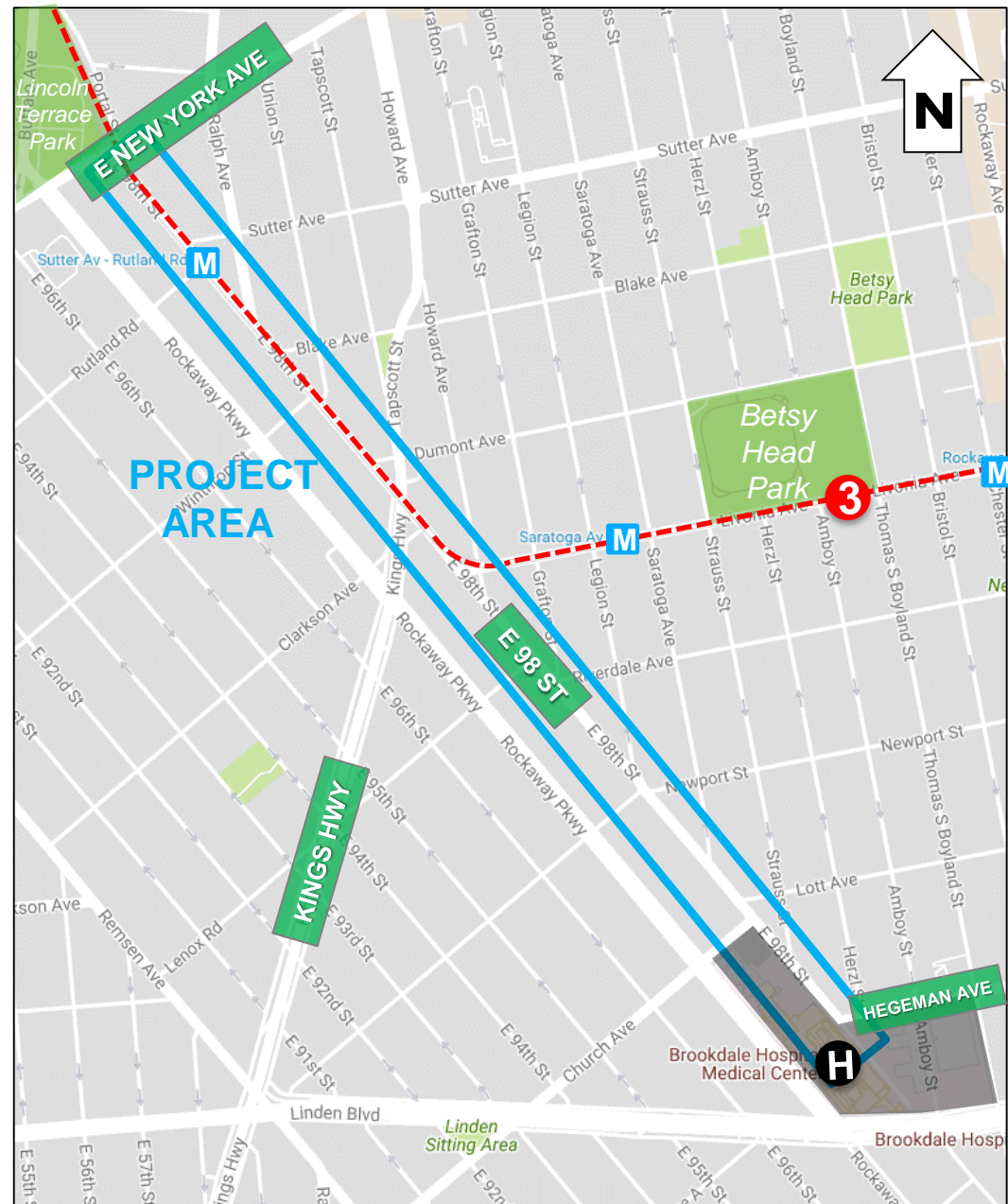
Fatalities, 01/01/2012-2/5/2018 : None

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

PROJECT LOCATION

E 98 St: E New York Ave to Hegeman Ave

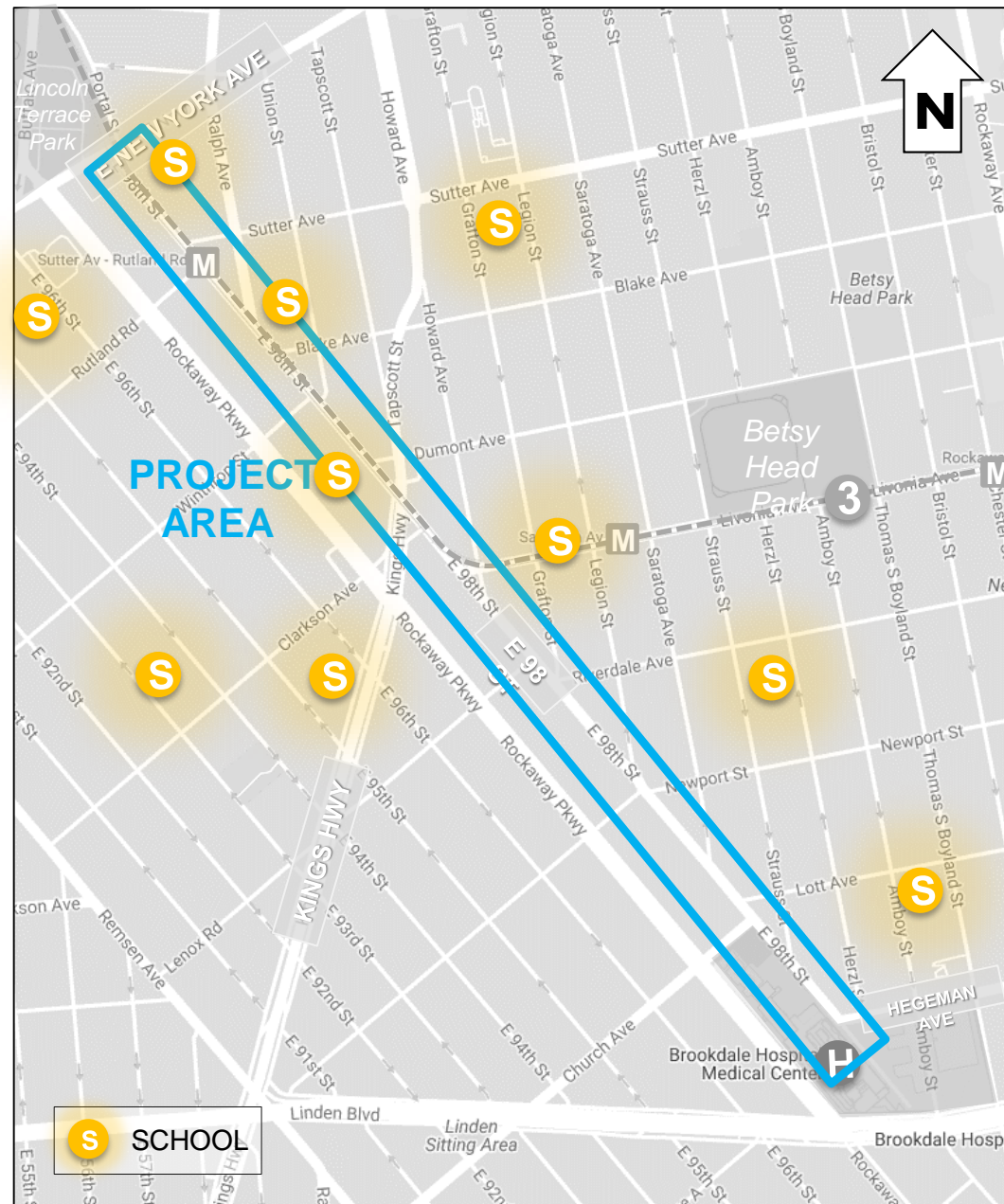
- Elevated 3 train from E New York Ave to Livonia Ave, stopping at Sutter Ave / Rutland Rd
- Poor visibility due to elevated train support columns
- B15 runs along E 98 St from Ralph Ave to Hegeman Ave
- Senior Safety Area
- High speeds: 43% of vehicles above the limit
- East 98th St is located in a Vision Zero Priority Area



PROXIMITY TO SCHOOLS

E 98 St: E New York Ave to Hegeman Ave

- Project area used by students accessing Brownsville Academy HS, Waverly School of Arts, Ascend Charter Schools, PS 165, Brooklyn Scholars Charter School, Riverdale Ave Community School, PS 189, and East Brooklyn Community HS, and PS 183



EXISTING CONDITIONS & PROPOSALS

2

EXISTING CONDITIONS: E 98 ST AND UNION ST

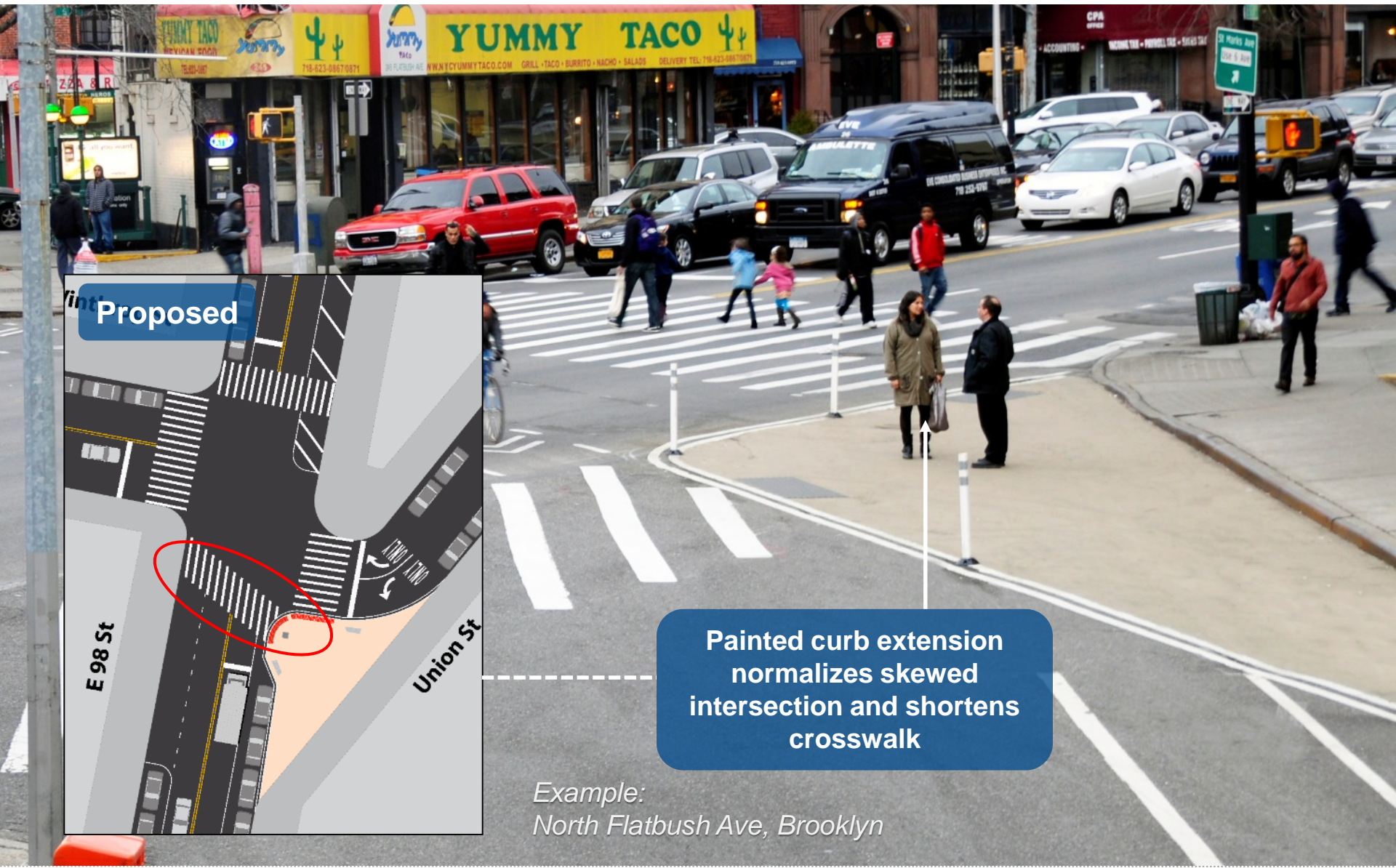


No pedestrian crossing

Illegally parked vehicles

E 98 St and Union St, facing northeast

PROPOSED LARGE PAINTED CURB EXTENSION AND CROSSWALK: E 98 ST AND UNION ST



Proposed

Painted curb extension
normalizes skewed
intersection and shortens
crosswalk

Example:
North Flatbush Ave, Brooklyn

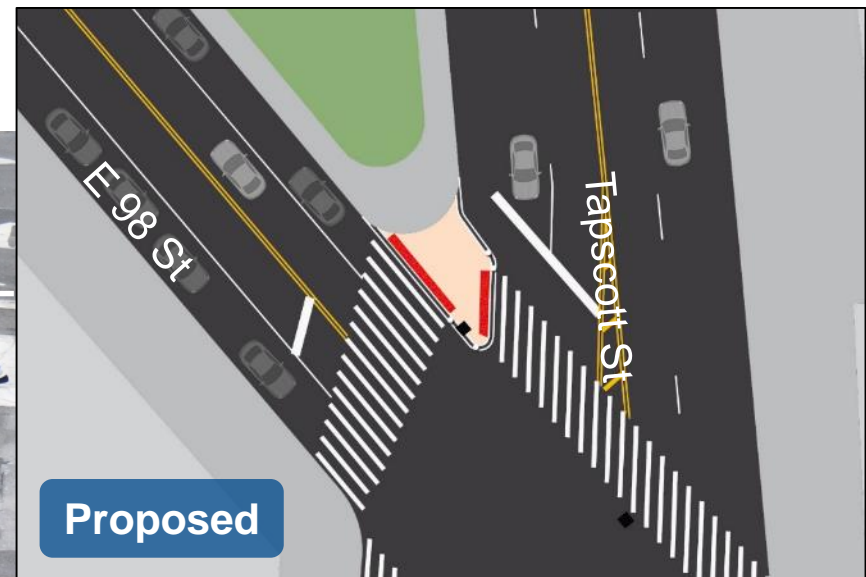
EXISTING CONDITIONS: E 98 ST AND TAPSCOTT ST



Long
crosswalk
(120')

PROPOSED PAINTED CURB EXTENSION : E 98 ST AND TAPSCOTT ST

Painted curb extension
normalizes skewed
intersection and shortens
crosswalk



Example:
3rd Ave at 86th St (MN)

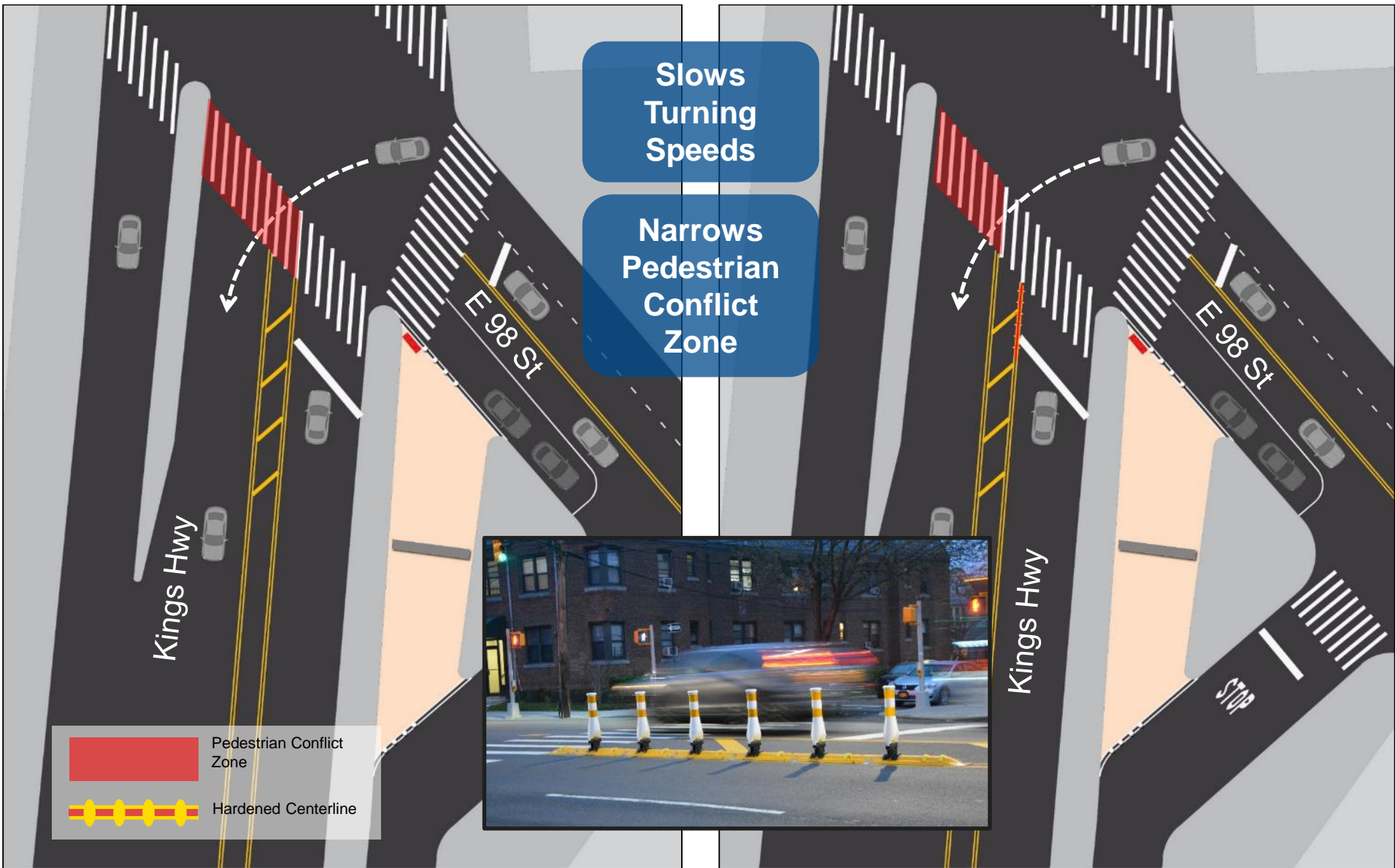
**PROPOSED TURN BAN FOR ALL VEHICLES:
E 98 ST AND TAPSCOTT ST**



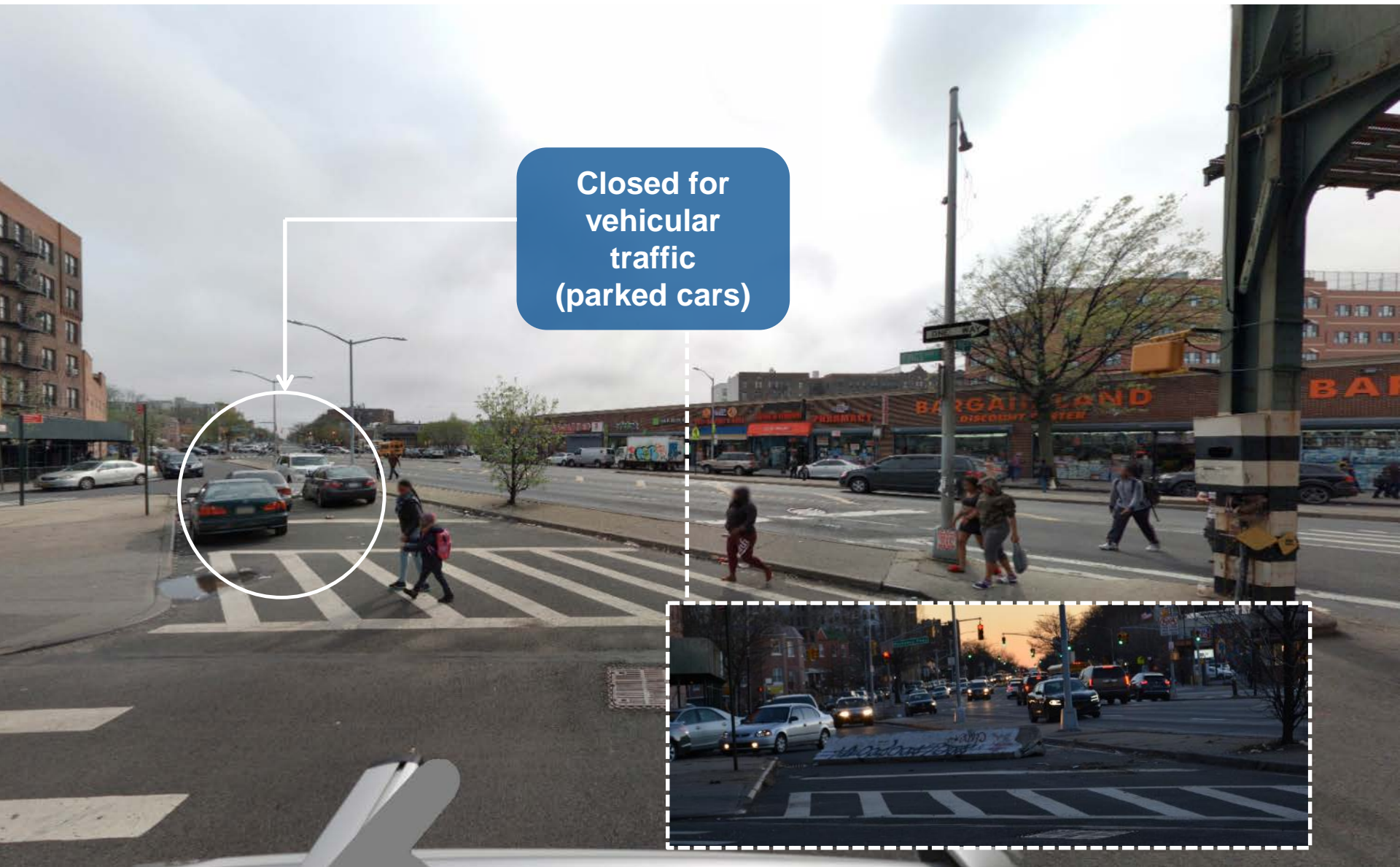
LEFT TURN PEDESTRIAN INJURIES: E 98 ST AND KINGS HIGHWAY



PROPOSED HARDENED CENTERLINE: E 98 ST AND KINGS HIGHWAY



EXISTING CONDITIONS: E 98 ST AND KINGS HIGHWAY

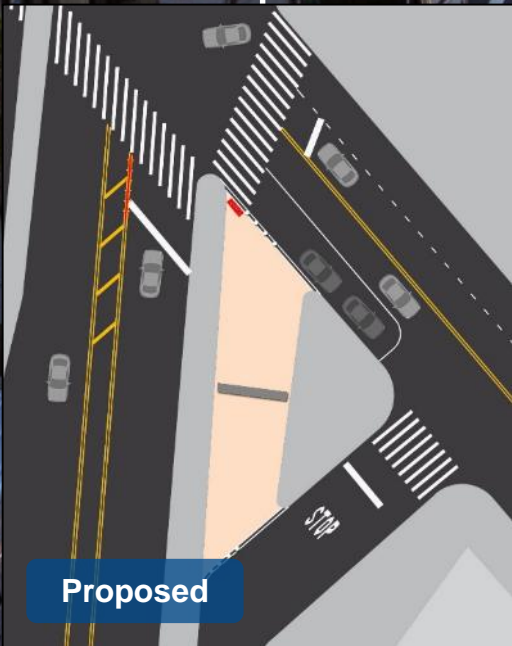


Closed for
vehicular
traffic
(parked cars)

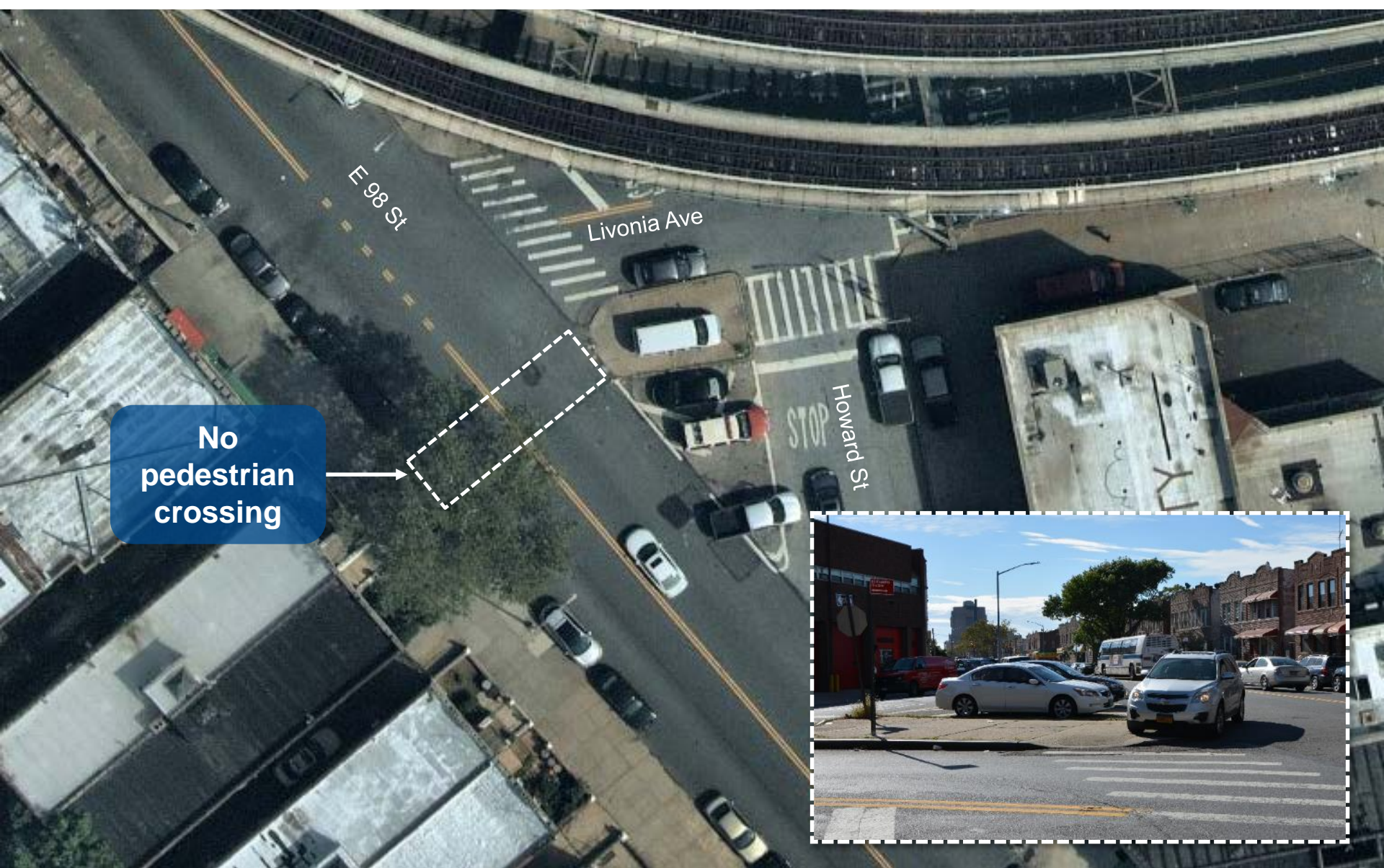
PROPOSED PAINTED SLIP CLOSURE: E 98 ST AND KINGS HIGHWAY

Painted slip closure
increases pedestrian safety

Example:
6th Avenue and Washington Square
Manhattan



PRIOR CONDITIONS: E 98 ST AND LIVONIA AVE + HOWARD AVE

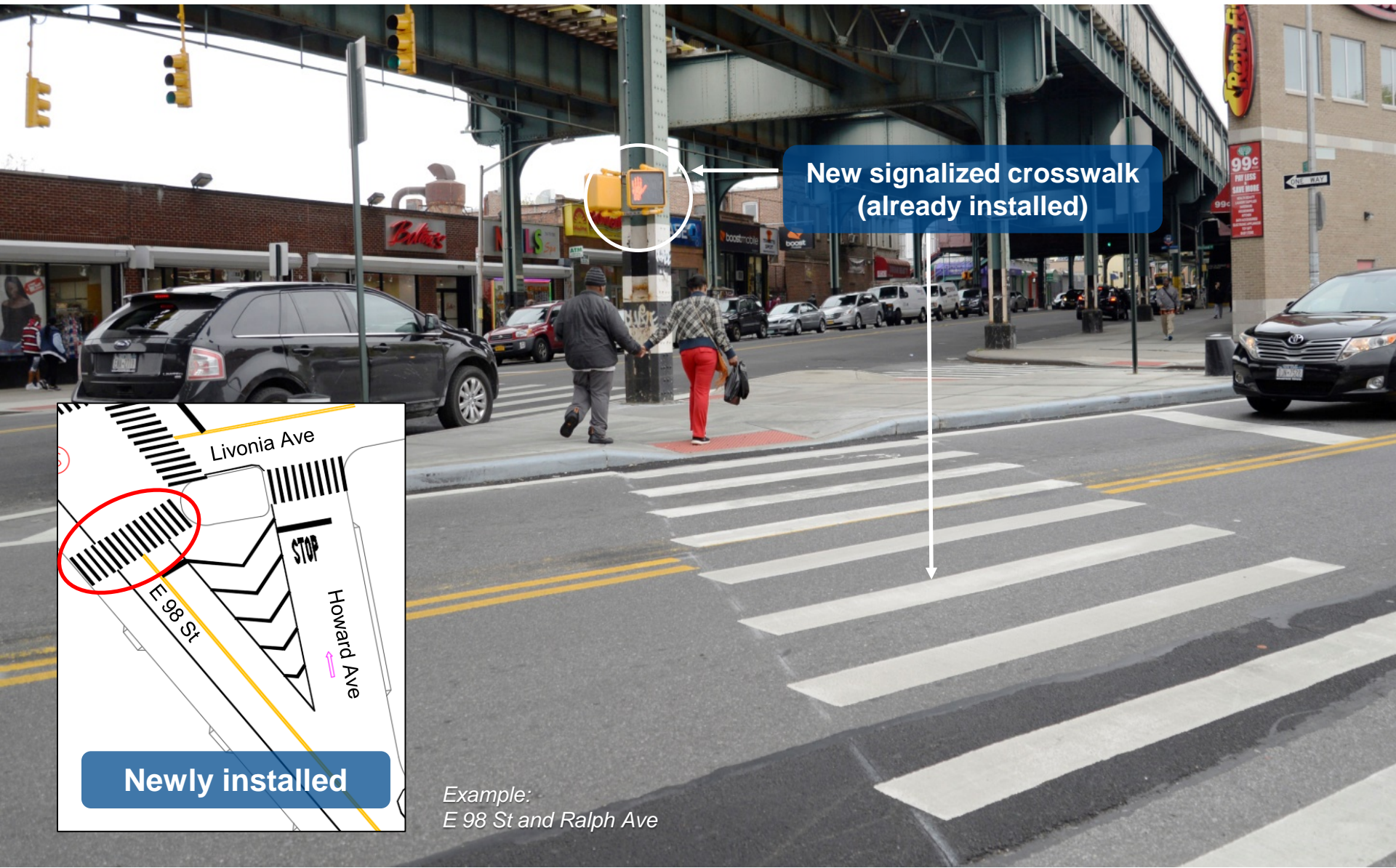


PRIOR CONDITIONS: E 98 ST AND LIVONIA AVE + HOWARD AVE



E 98 St and Howard Ave, facing northwest

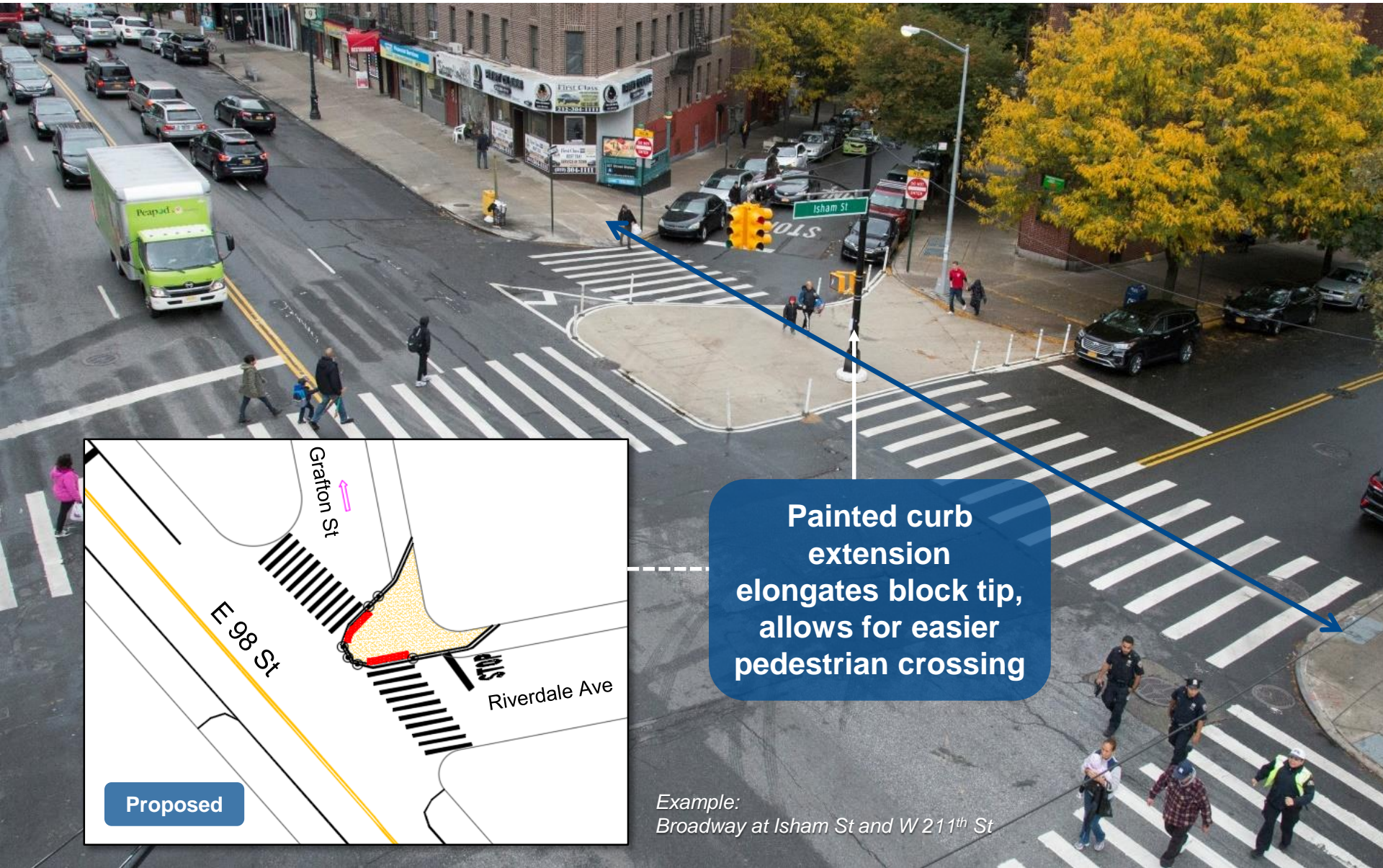
NEW SIGNALIZED CROSSWALK: E 98 ST AND LIVONIA AVE + HOWARD AVE



EXISTING CONDITIONS: E 98 ST AND GRAFTON ST + RIVERDALE AVE



PROPOSED PAINTED CURB EXTENSION AND CROSSWALKS: E 98 ST AND GRAFTON ST + RIVERDALE AVE

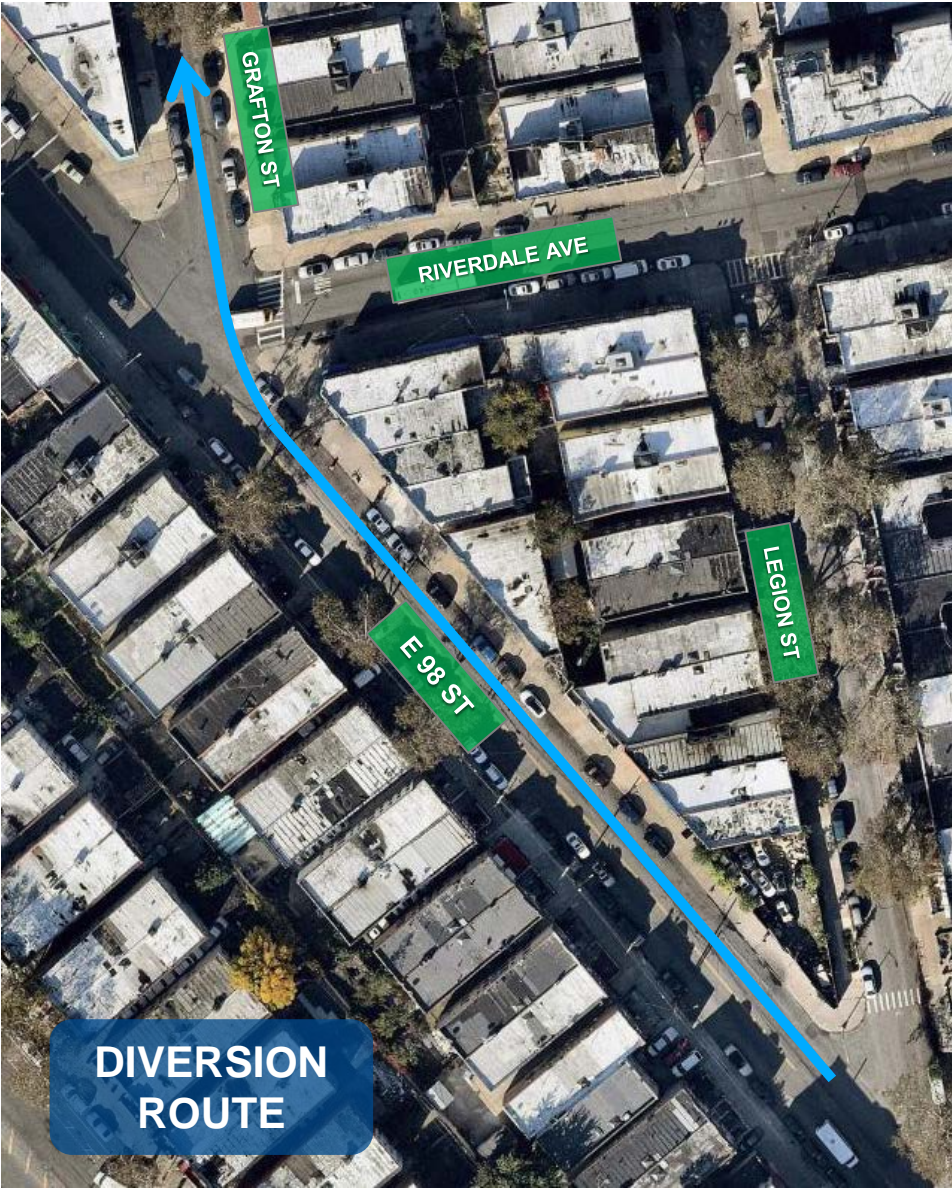
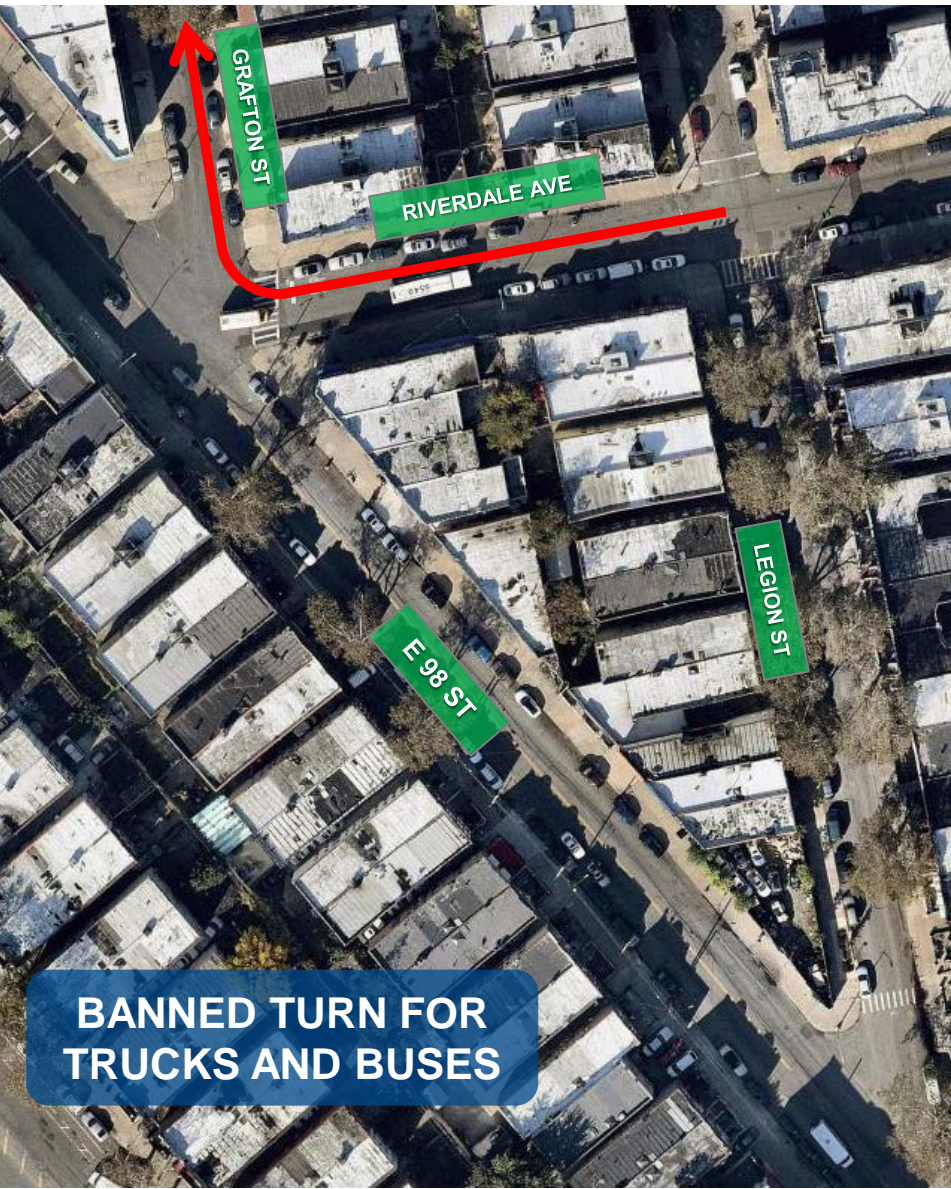


Painted curb
extension
elongates block tip,
allows for easier
pedestrian crossing

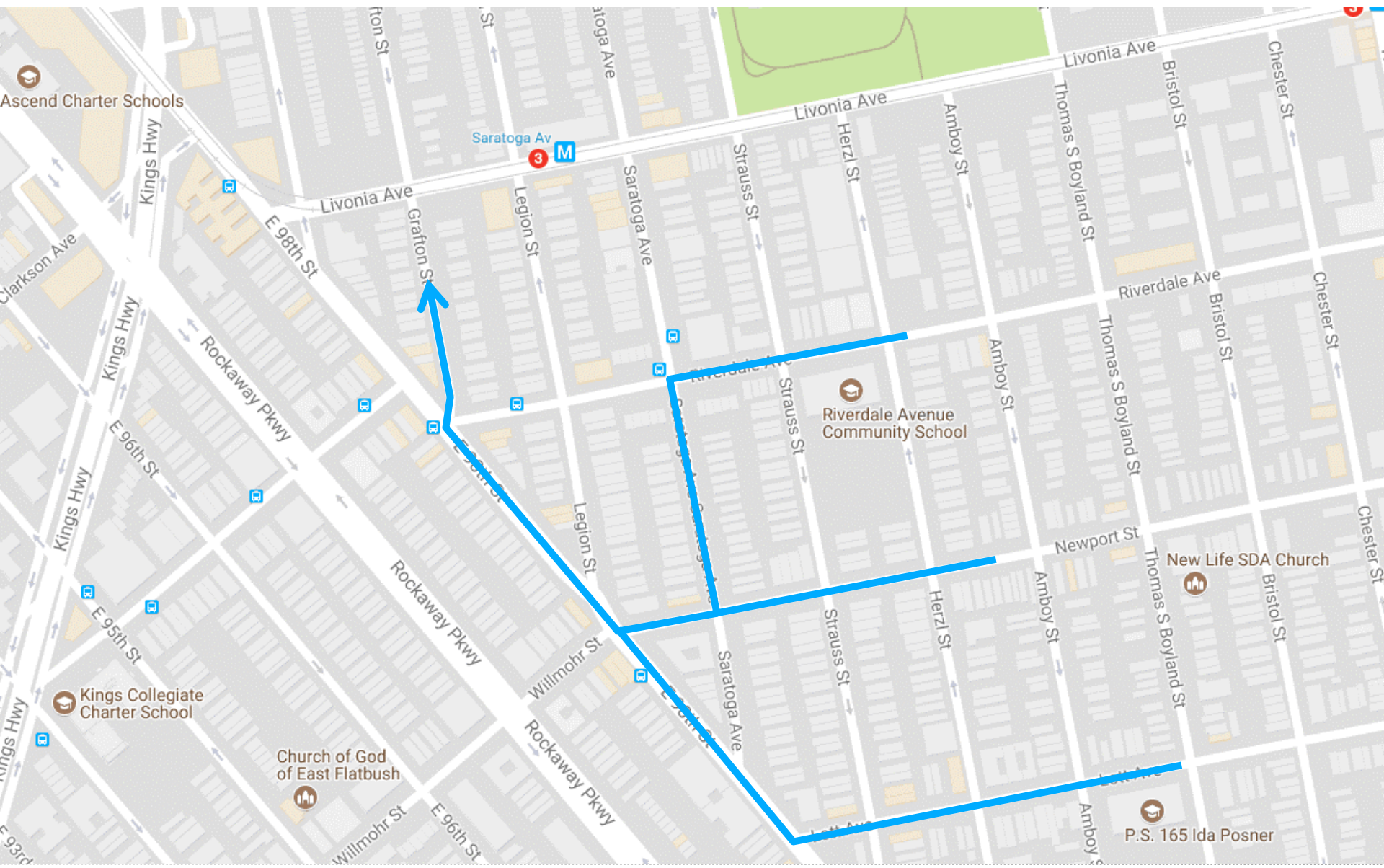
Example:
Broadway at Isham St and W 211th St

Proposed

**PROPOSED TURN BAN FOR LARGE TRUCKS & BUSES:
E 98 ST AND GRAFTON ST + RIVERDALE AVE**



PROPOSED DIVERSION FOR LARGE TRUCKS & BUSES: E 98 ST AND GRAFTON ST + RIVERDALE AVE



PROPOSED DAYLIGHTING: E 98 ST AND LEGION ST

Add new crosswalk along east side of East 98th St

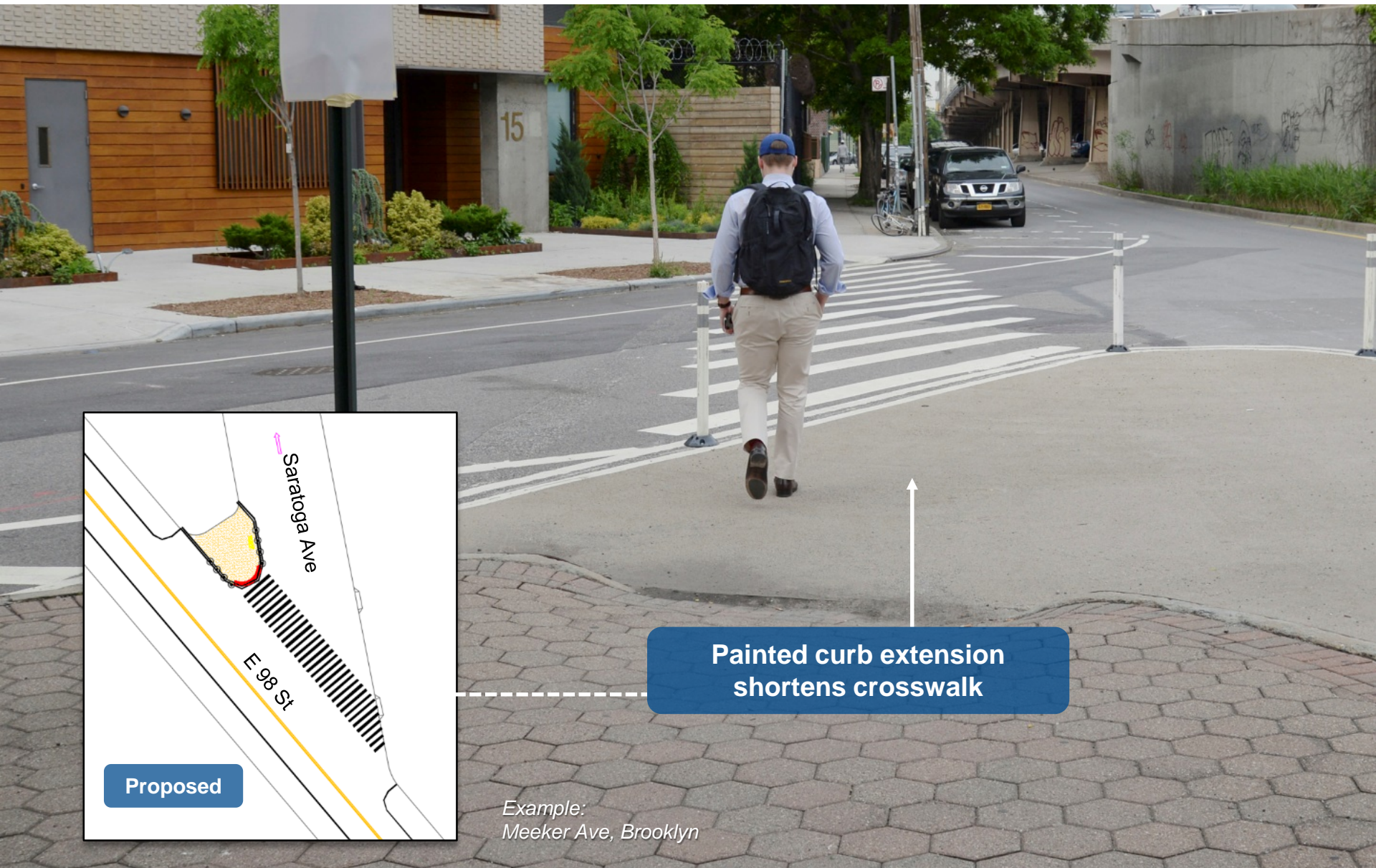
Remove parking spot and install No Standing Anytime regulation to improve visibility for turning vehicles



EXISTING CONDITIONS: E 98 ST AND SARATOGA AVE



PROPOSED PAINTED CURB EXTENSION: E 98 ST AND SARATOGA AVE

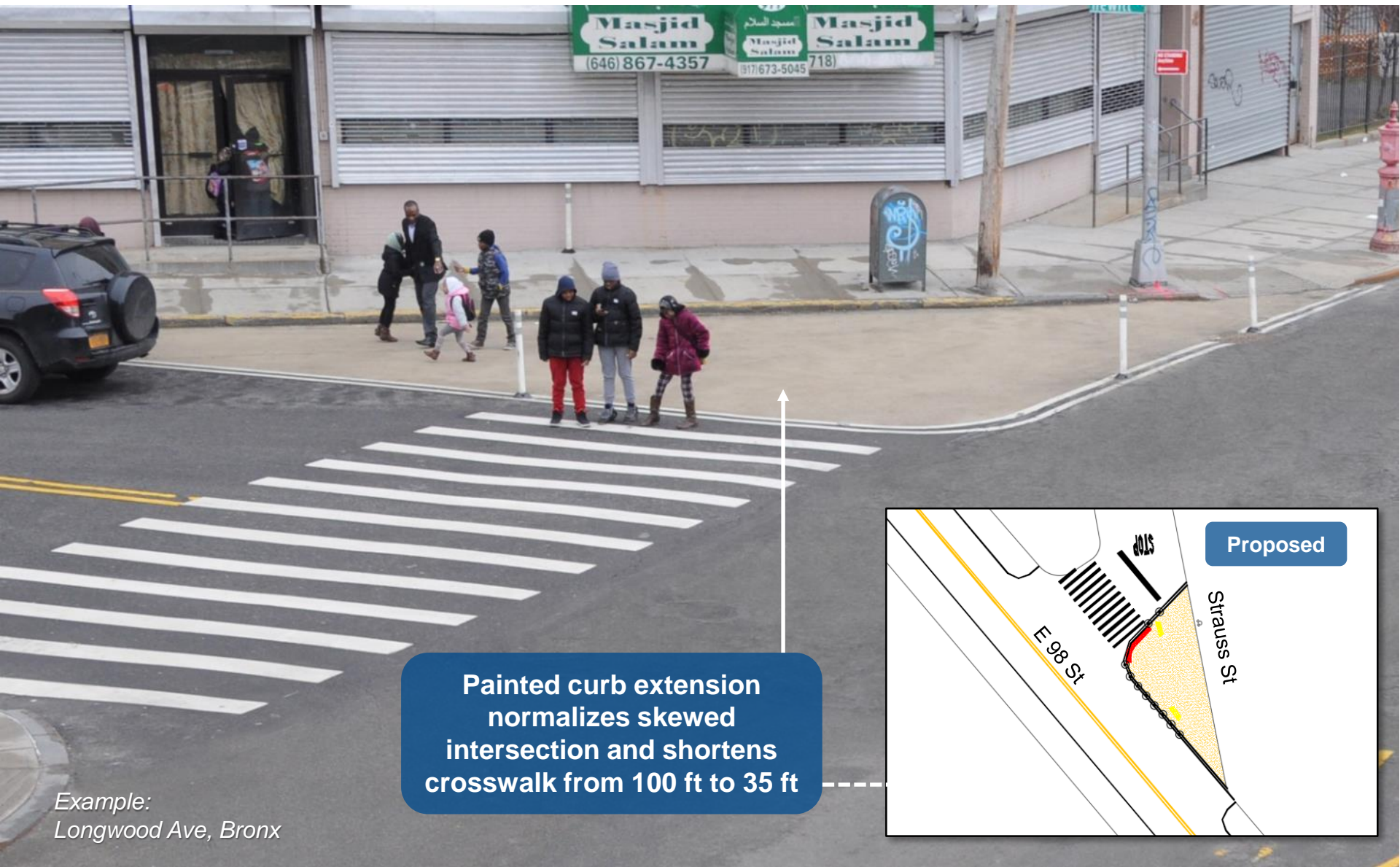


Example:
Meeker Ave, Brooklyn

**EXISTING CONDITIONS:
E 98 ST AND STRAUSS ST**

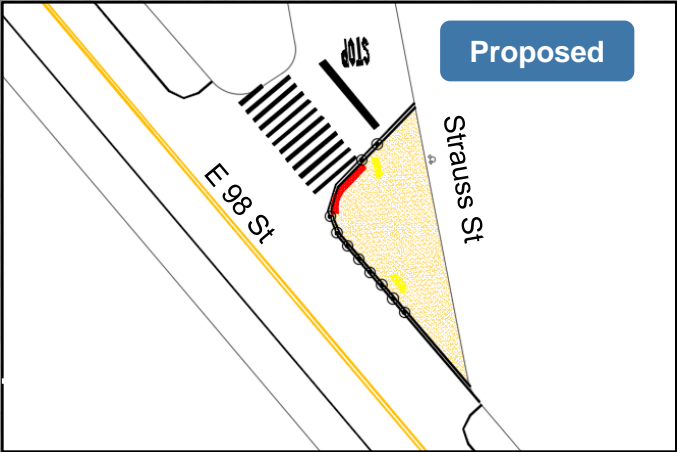


PROPOSED PAINTED CURB EXTENSION: E 98 ST AND STRAUSS ST



Painted curb extension
normalizes skewed
intersection and shortens
crosswalk from 100 ft to 35 ft

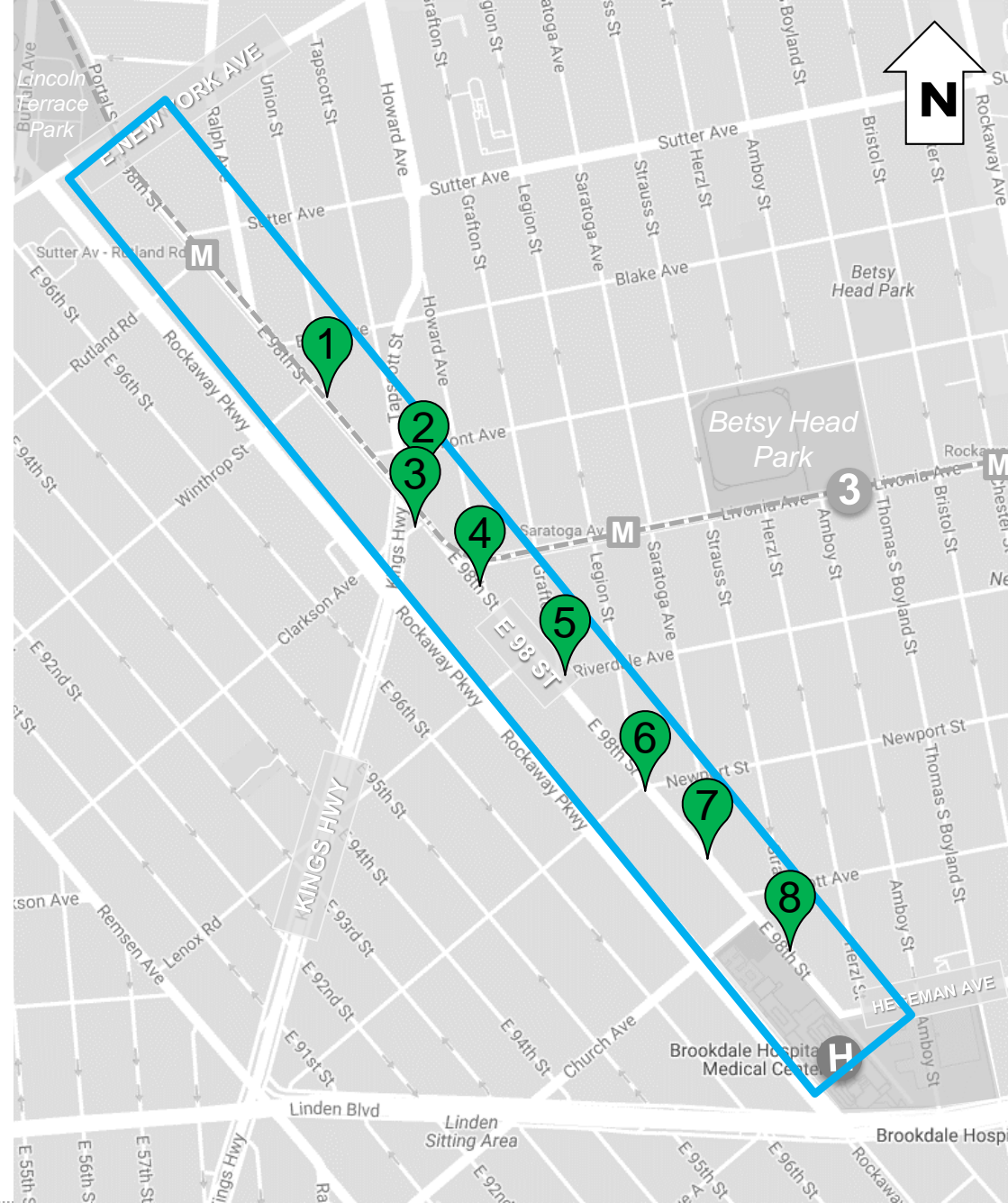
Example:
Longwood Ave, Bronx



SUMMARY OF PROPOSALS

E 98 St: E New York Ave to Hegeman Ave

1. Union St: Large Painted Curb Extension and New Crosswalk
2. Tapscott St: Painted Curb Extension
3. Kings Hwy: Slip Closure and Hardened Centerline in South Leg
4. Livonia Ave: New Signalized Crosswalk (already installed)
5. Grafton St + Riverdale Ave: Painted Curb Extension and New Crosswalks
6. Legion St: Daylighting and New Crosswalk
7. Saratoga Ave: Painted Curb Extension
8. Strauss St: Large Painted Curb Extension



THANK YOU!



NYC DOT



NYC DOT



nyc_dot



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