



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

School Safety Improvements
Presentation for CB 16 April 12, 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

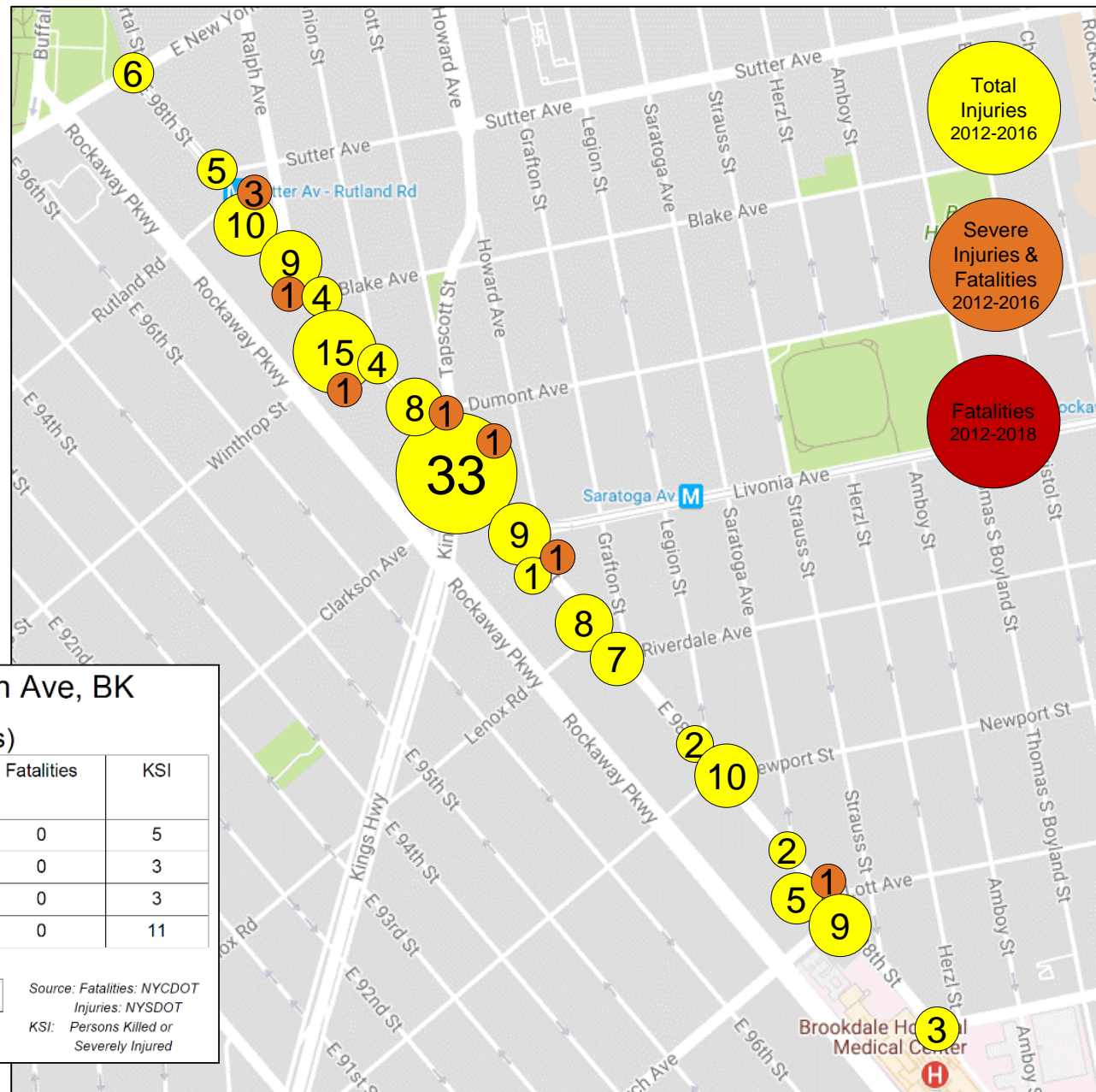
E. 98 St.

- 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 |

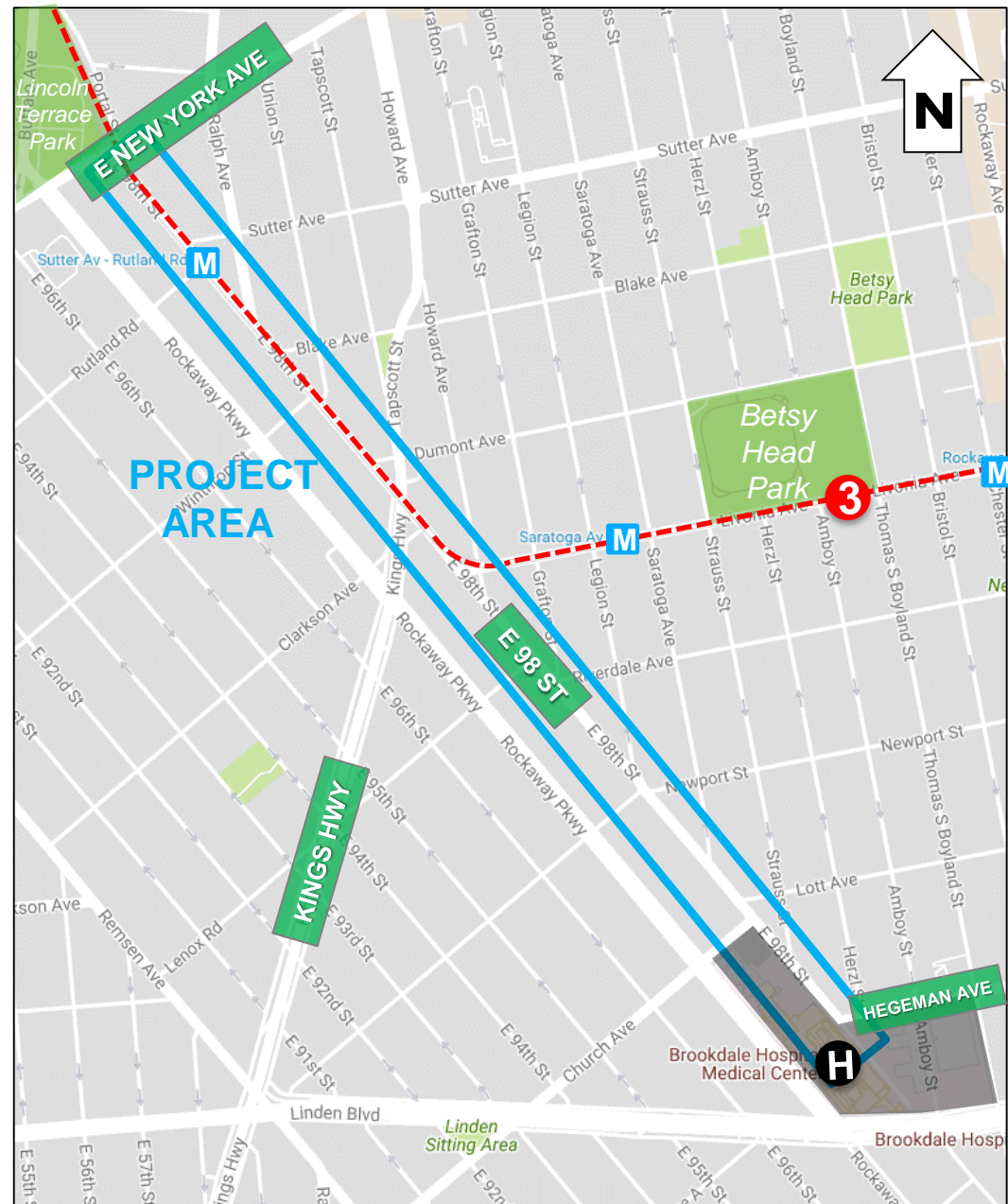
Fatalities, 01/01/2012-2/5/2018 : None

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



E 98 St: E New York Ave to Hegeman Ave

-
- The map displays the proposed Rockaway Parkway (E 98th St) and its extension. The project area is highlighted in blue. Surrounding streets include E 97th St, E 99th St, E 100th St, and E 101st St. Key locations marked include Betsy Head Park, Brookdale Hospital Medical Center, and various schools (S) and hospitals (H). A legend in the bottom left corner identifies the symbols for 'SCHOOL' and 'HOSPITAL'. A north arrow is located in the top right corner.

EXISTING CONDITIONS & PROPOSALS

2

EXISTING CONDITIONS: E 98 ST AND UNION ST

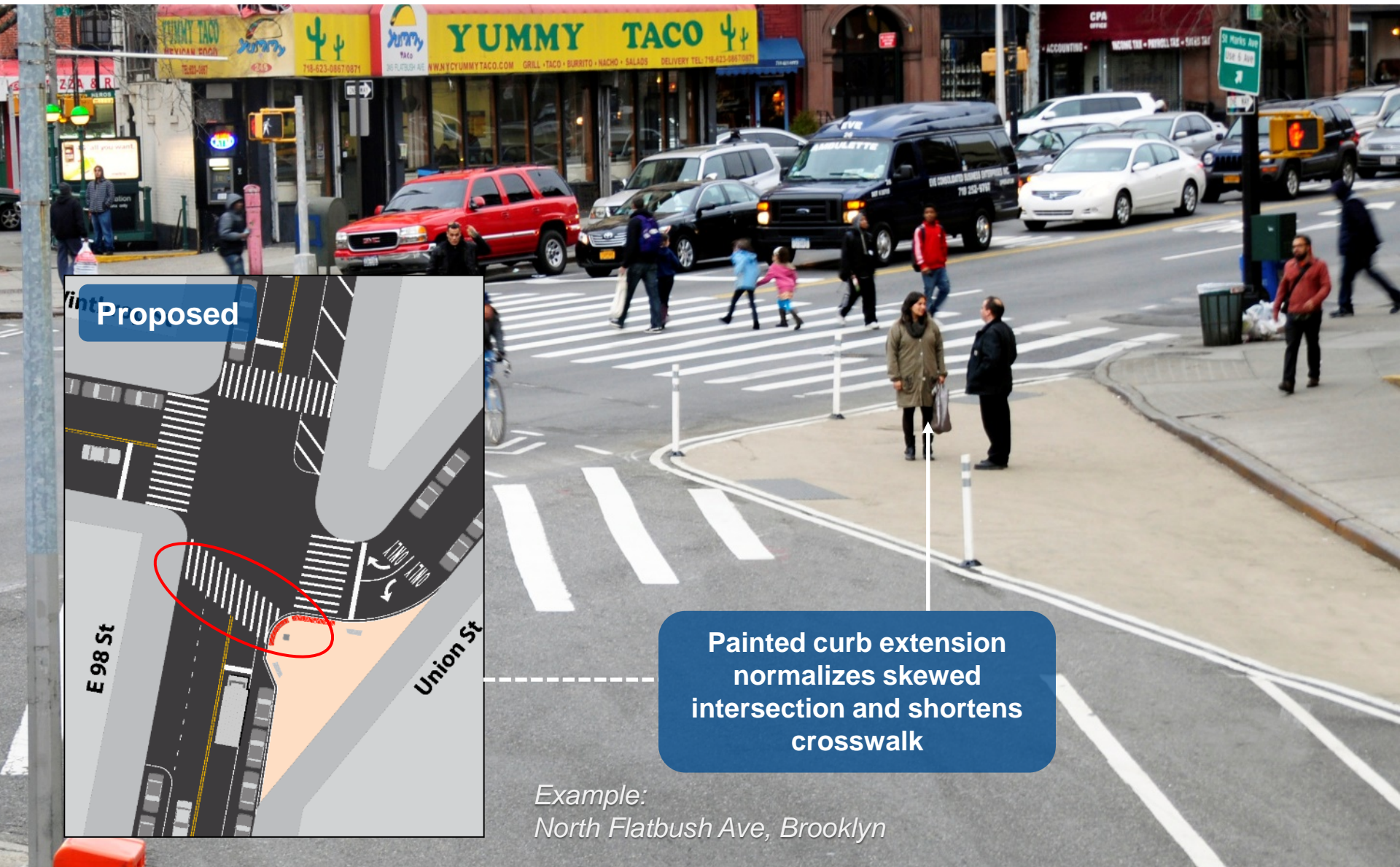


No pedestrian crossing

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

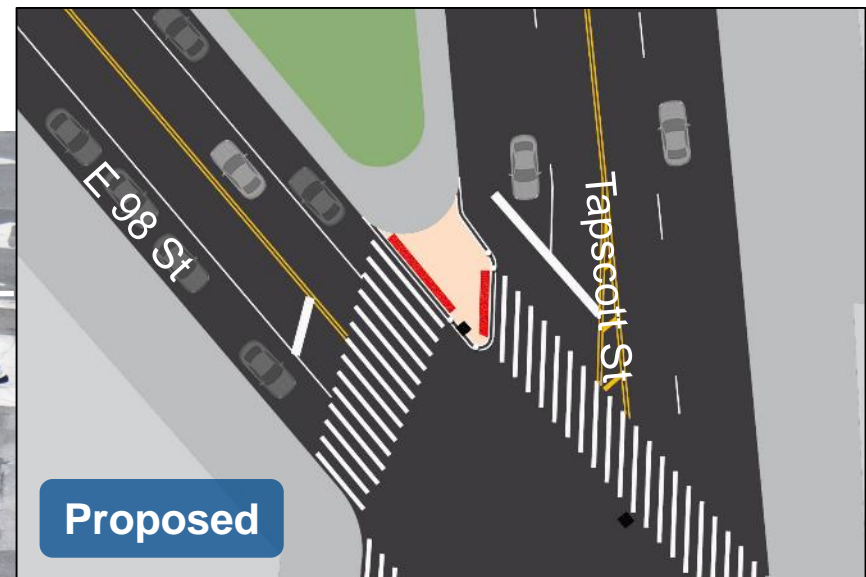
Example:
North Flatbush Ave, Brooklyn

EXISTING CONDITIONS:
E 98 ST AND TAPSCOTT ST



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)

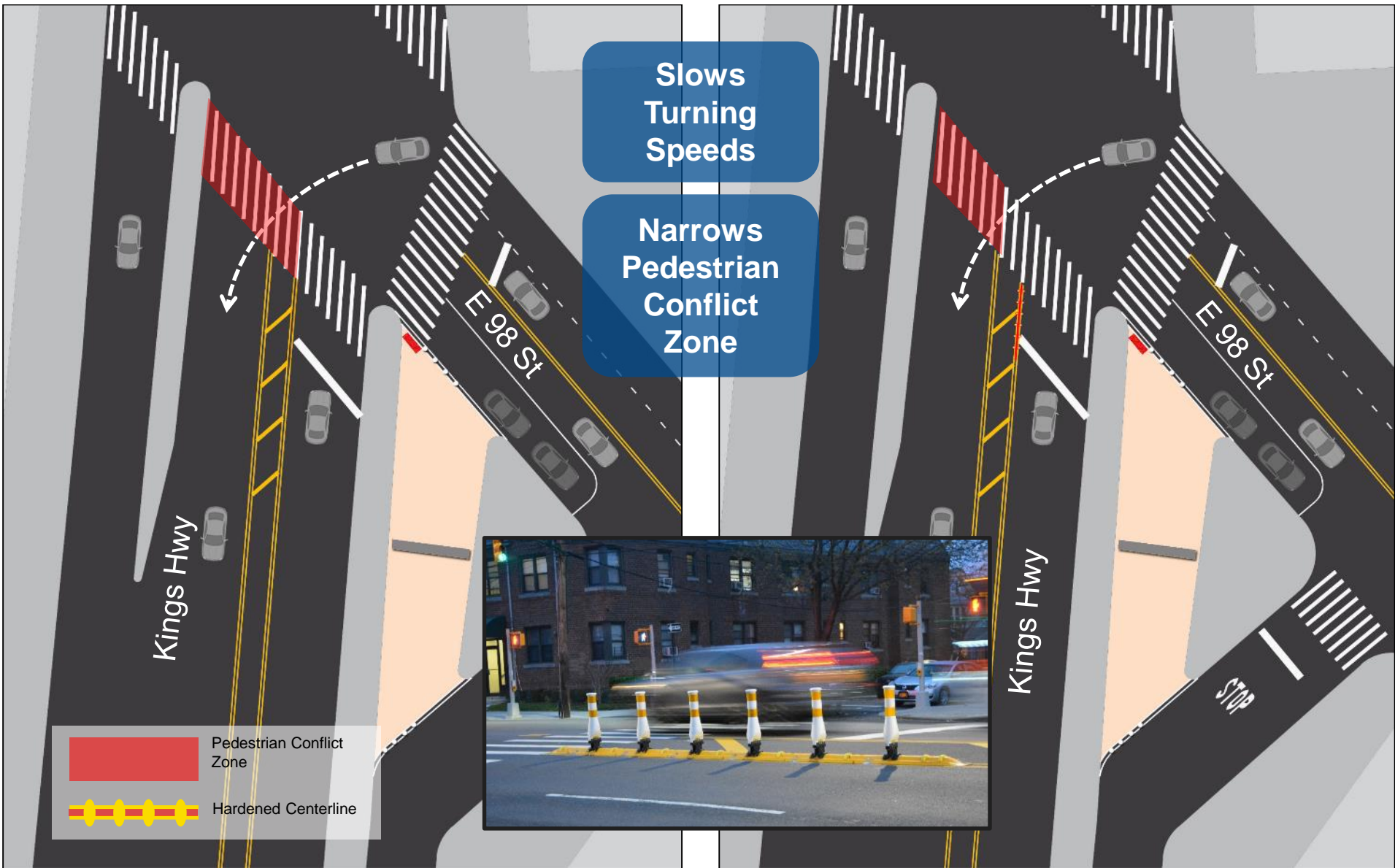
**PROPOSED TURN BAN FOR ALL VEHICLES:
E 98 ST AND TAPSCOTT ST**



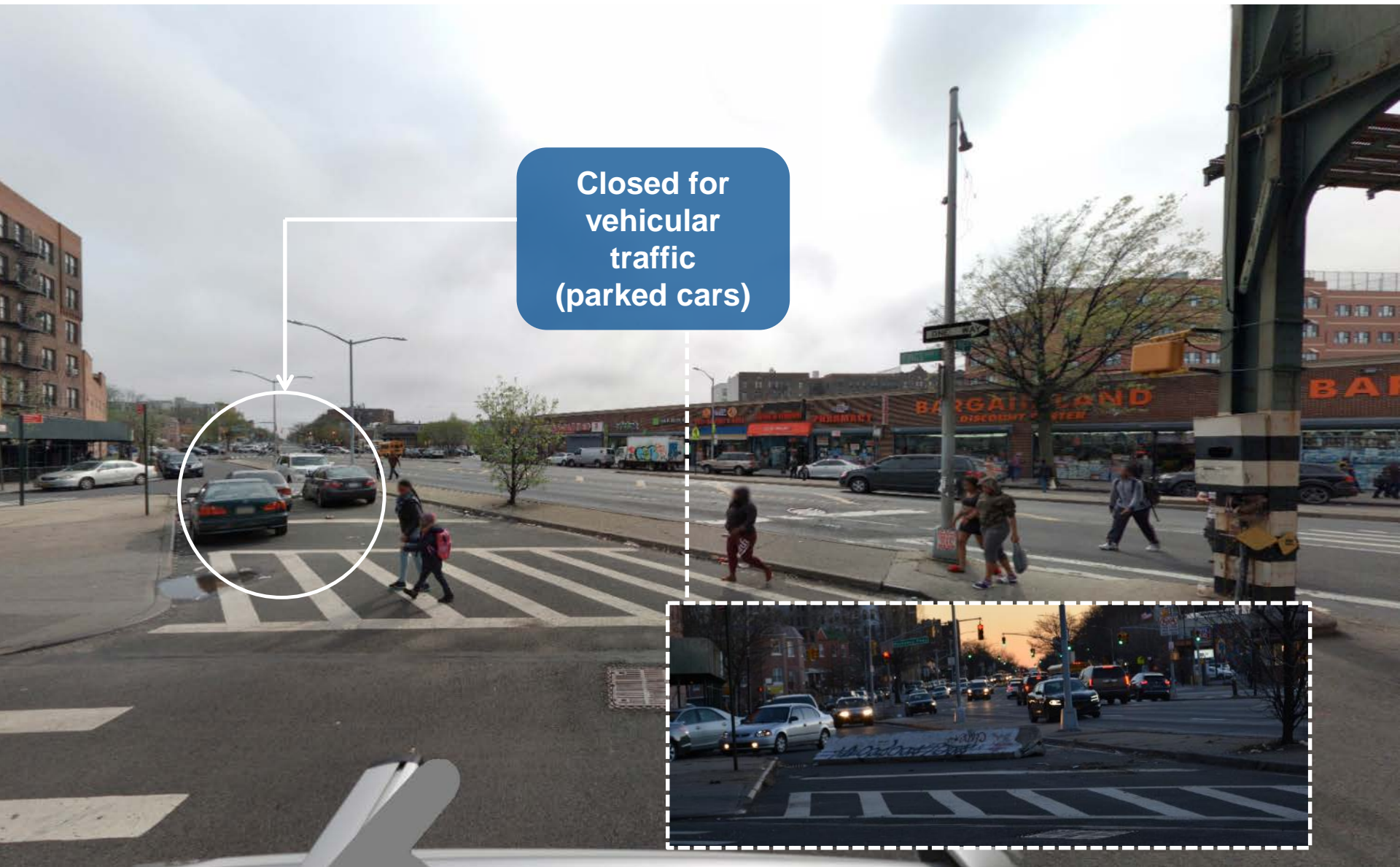
LEFT TURN PEDESTRIAN INJURIES: E 98 ST AND KINGS HIGHWAY



PROPOSED HARDENED CENTERLINE: E 98 ST AND KINGS HIGHWAY



**EXISTING CONDITIONS:
E 98 ST AND KINGS HIGHWAY**

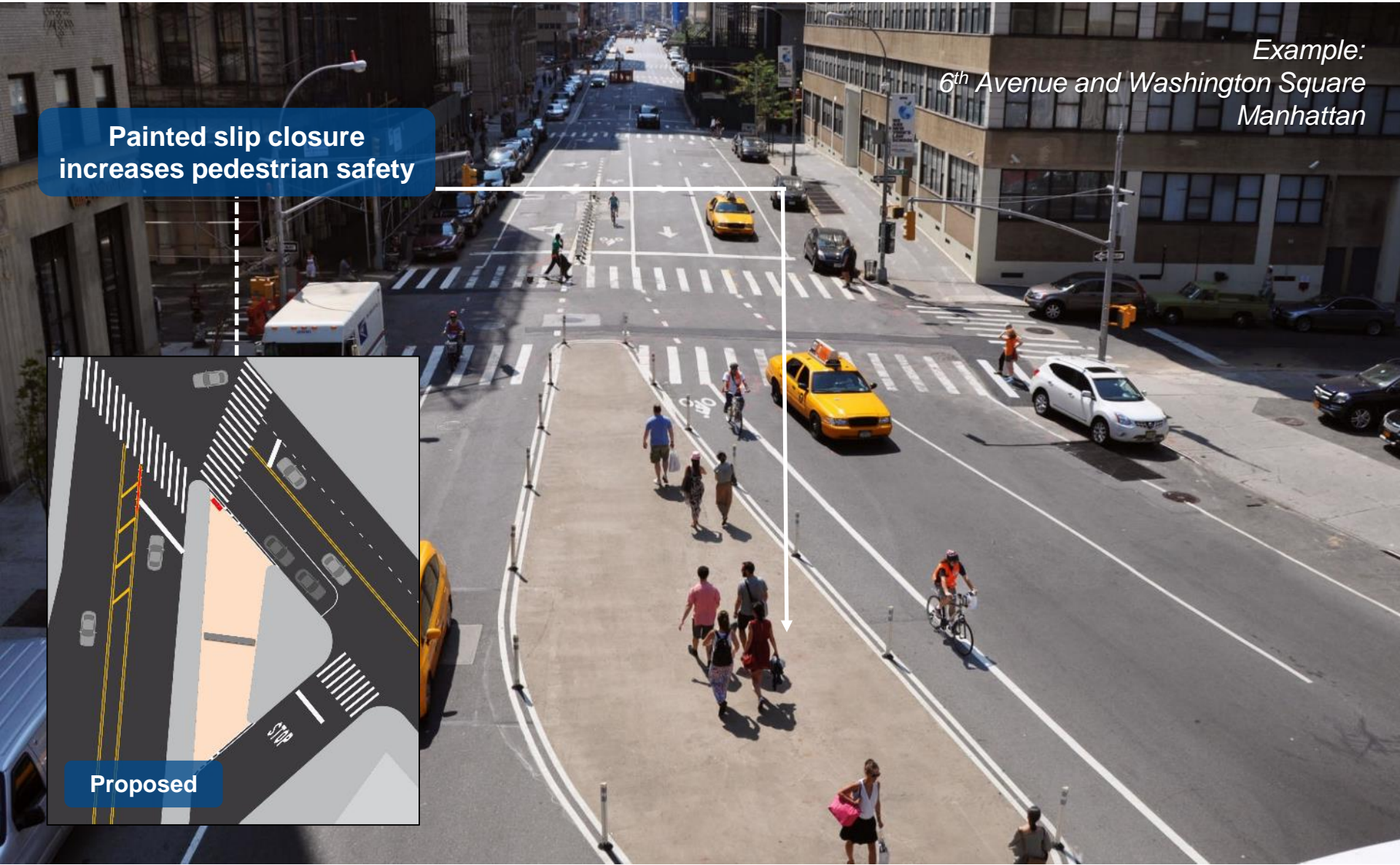
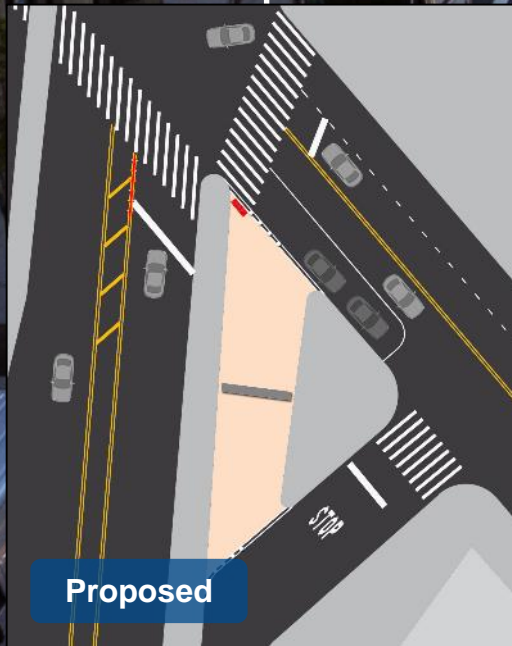


Closed for
vehicular
traffic
(parked cars)

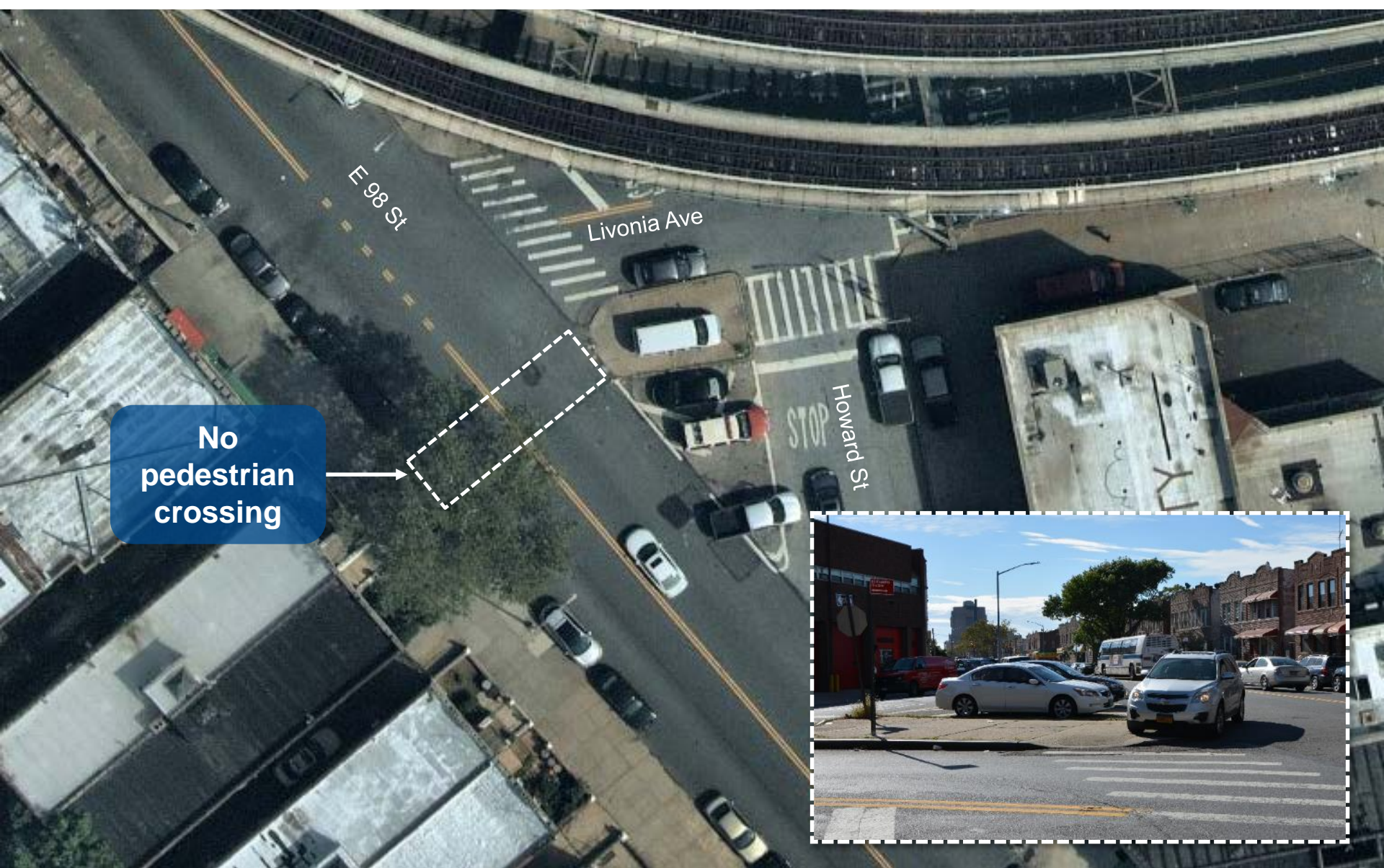
PROPOSED PAINTED SLIP CLOSURE: E 98 ST AND KINGS HIGHWAY

Painted slip closure
increases pedestrian safety

*Example:
6th Avenue and Washington Square
Manhattan*



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

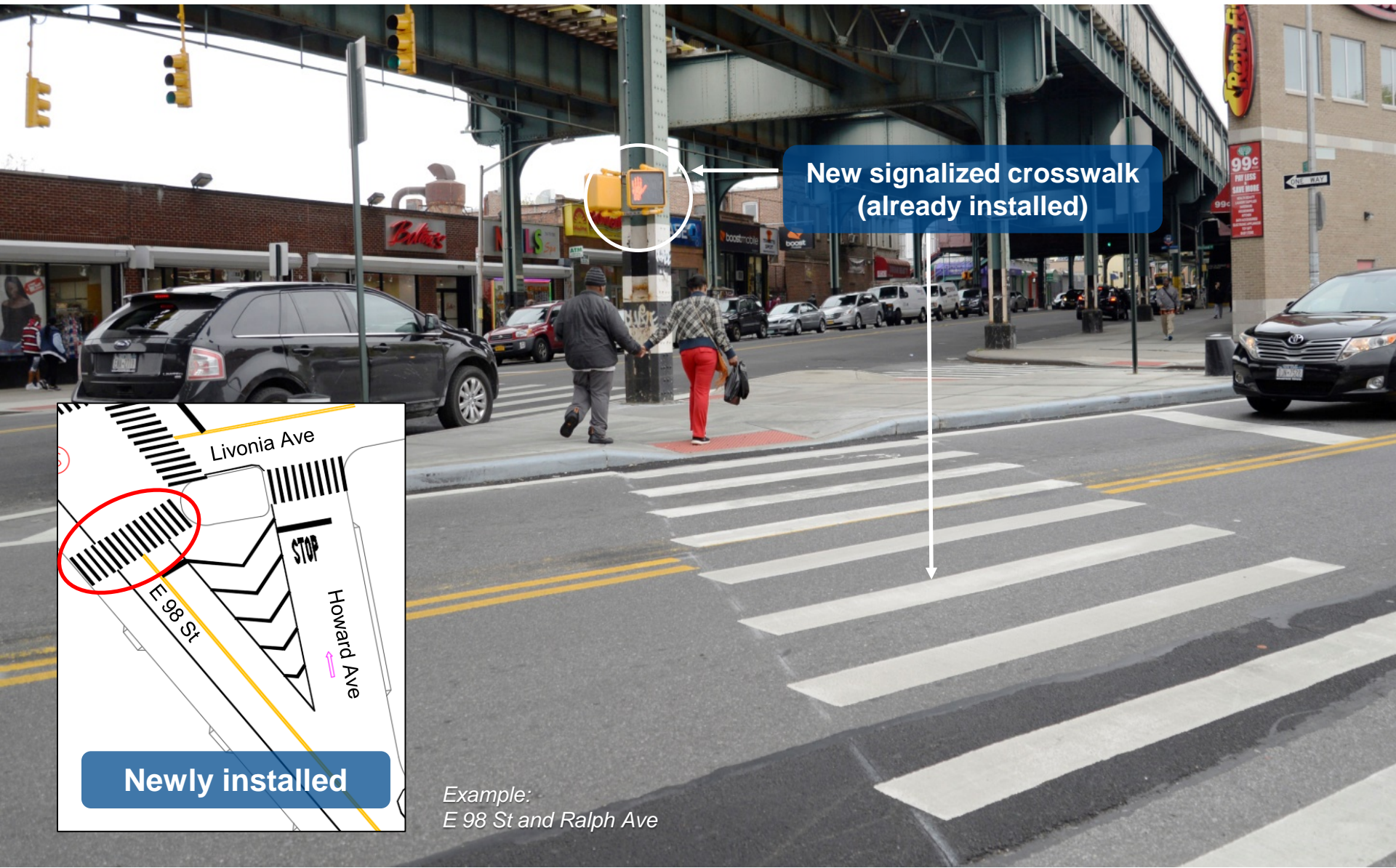


PRIOR CONDITIONS: E 98 ST AND LIVONIA AVE + HOWARD AVE



E 98 St and Howard Ave, facing northwest

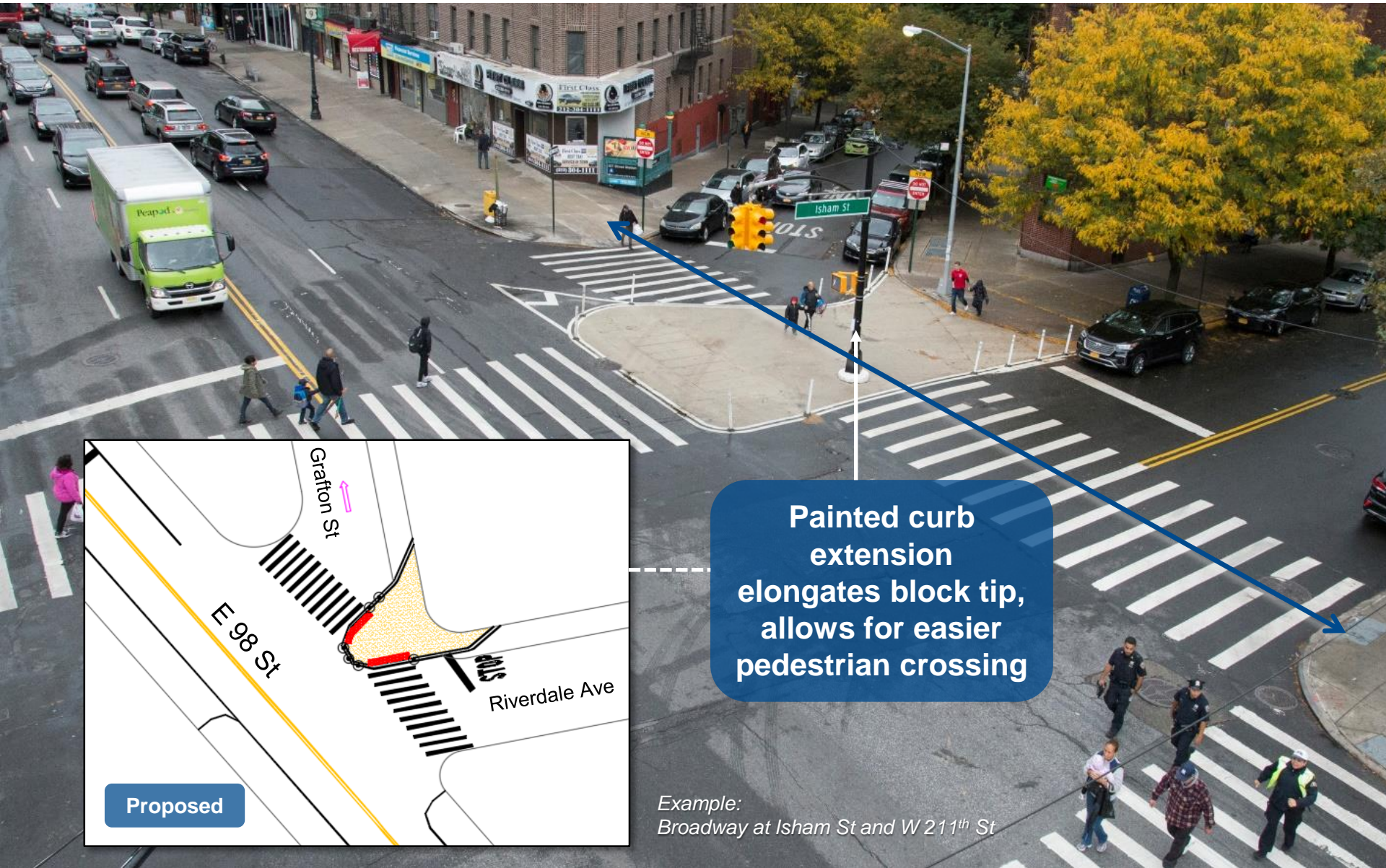
NEW SIGNALIZED CROSSWALK: E 98 ST AND LIVONIA AVE + HOWARD AVE



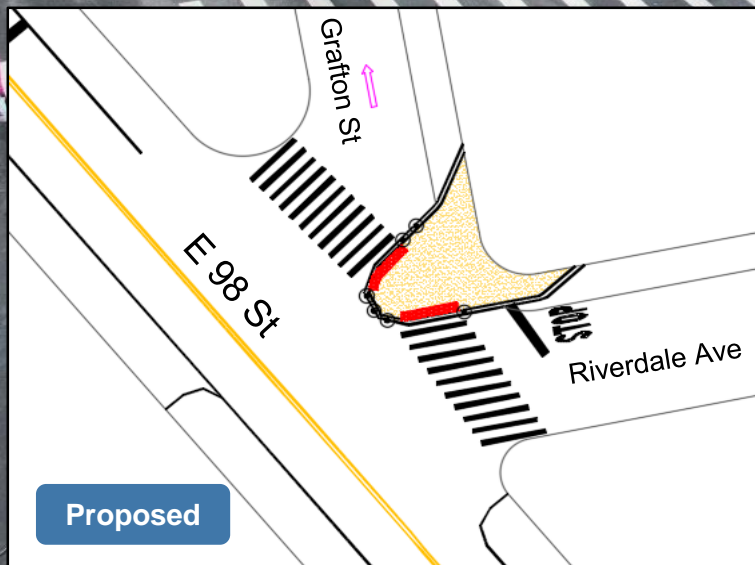
EXISTING CONDITIONS: E 98 ST AND GRAFTON ST + RIVERDALE AVE



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



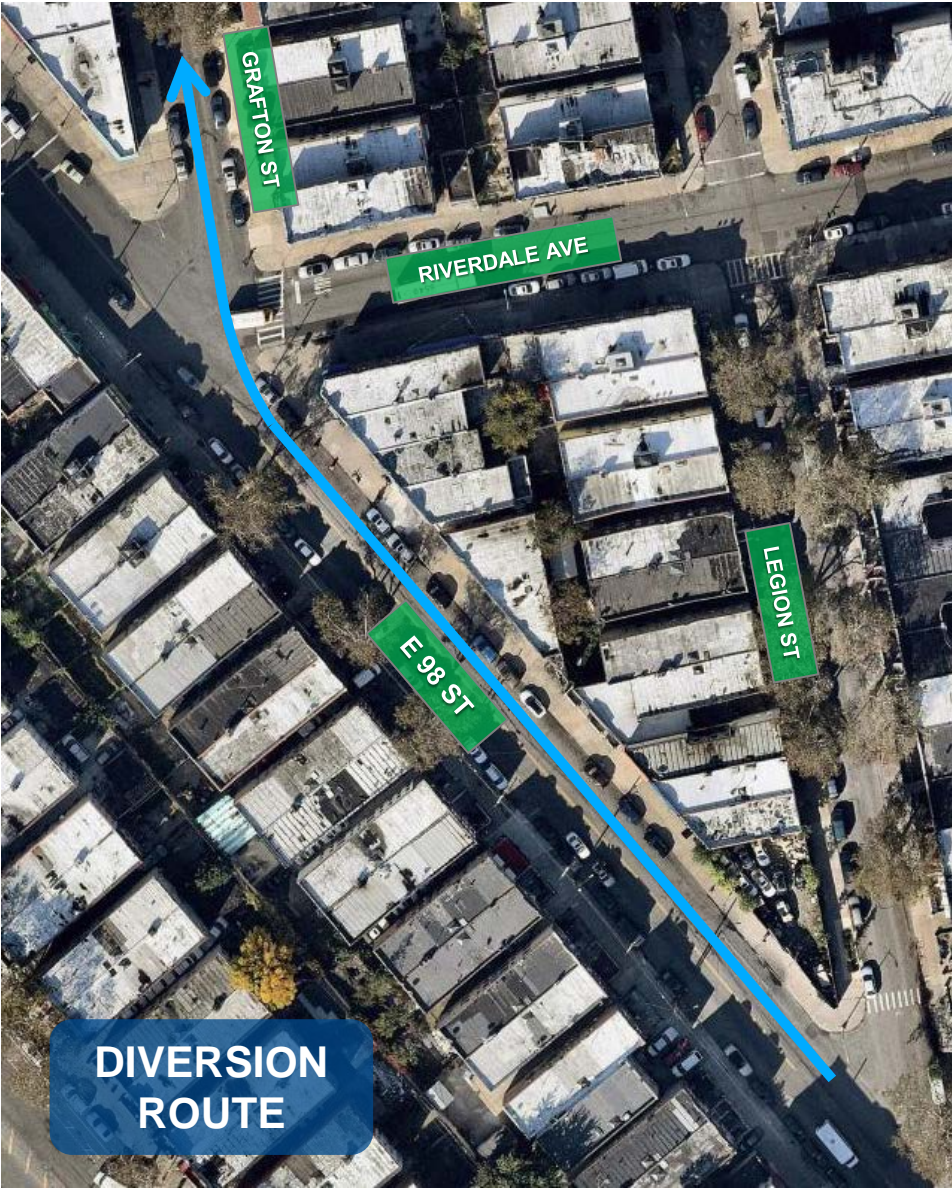
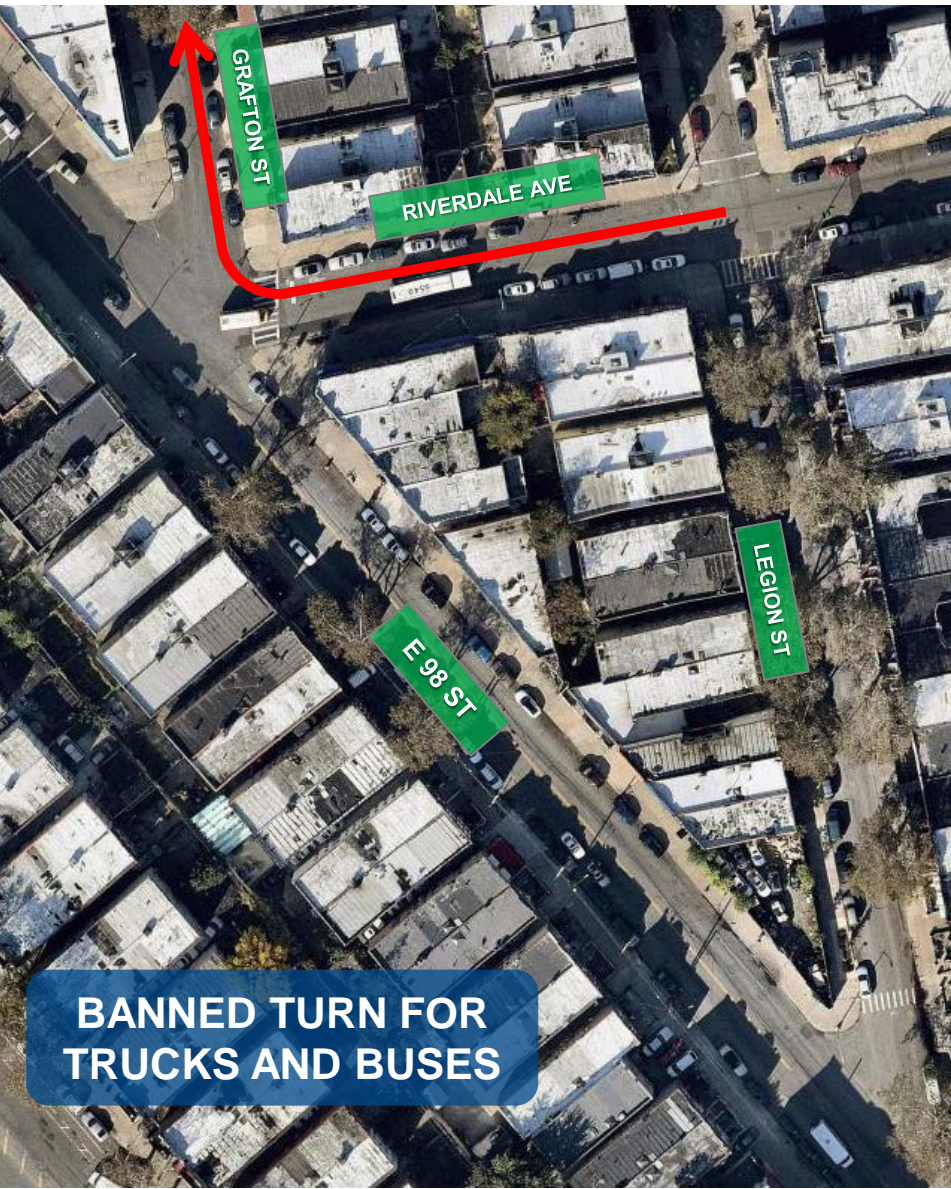
Painted curb
extension
elongates block tip,
allows for easier
pedestrian crossing



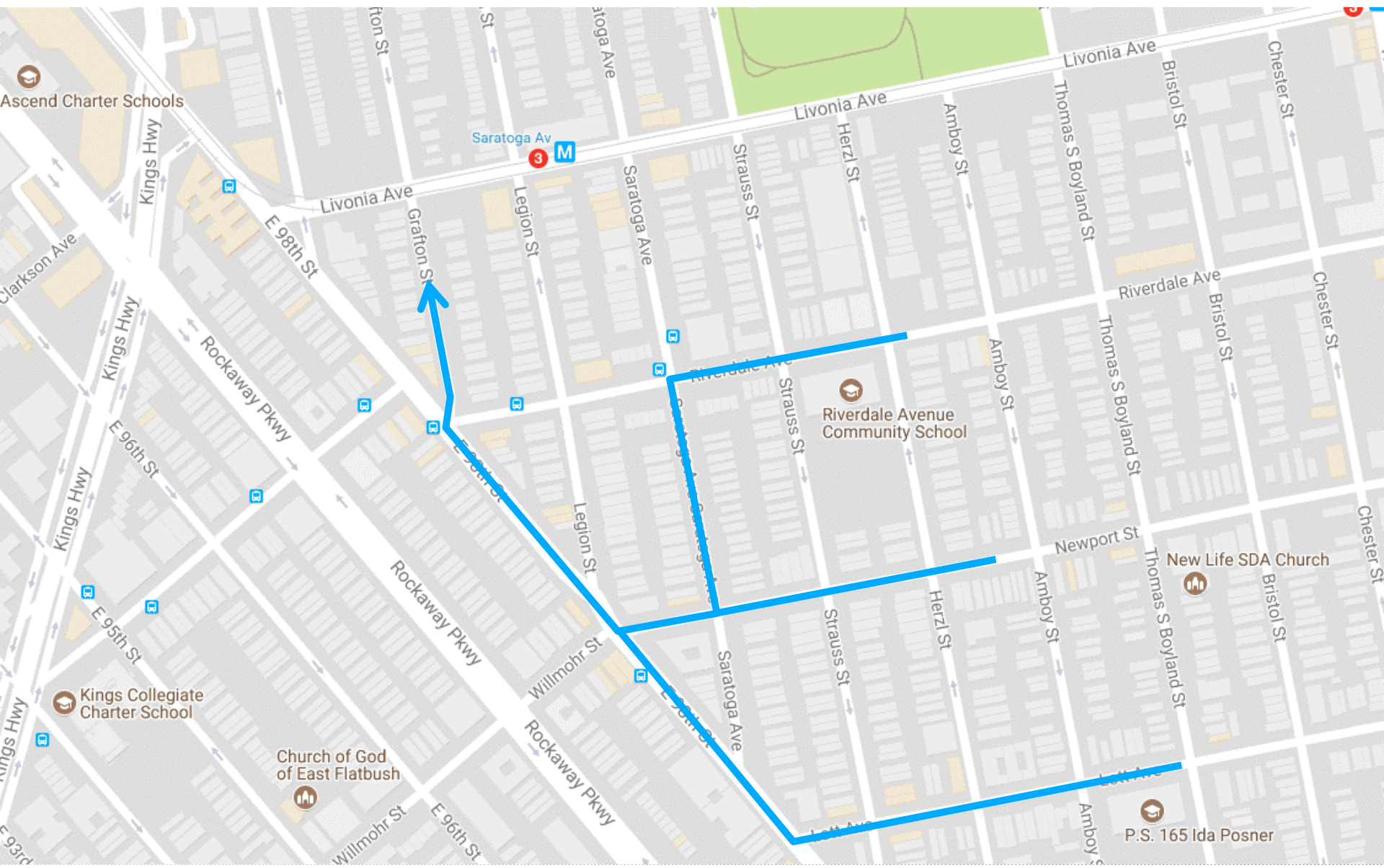
Proposed

Example:
Broadway at Isham St and W 211th St

**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**



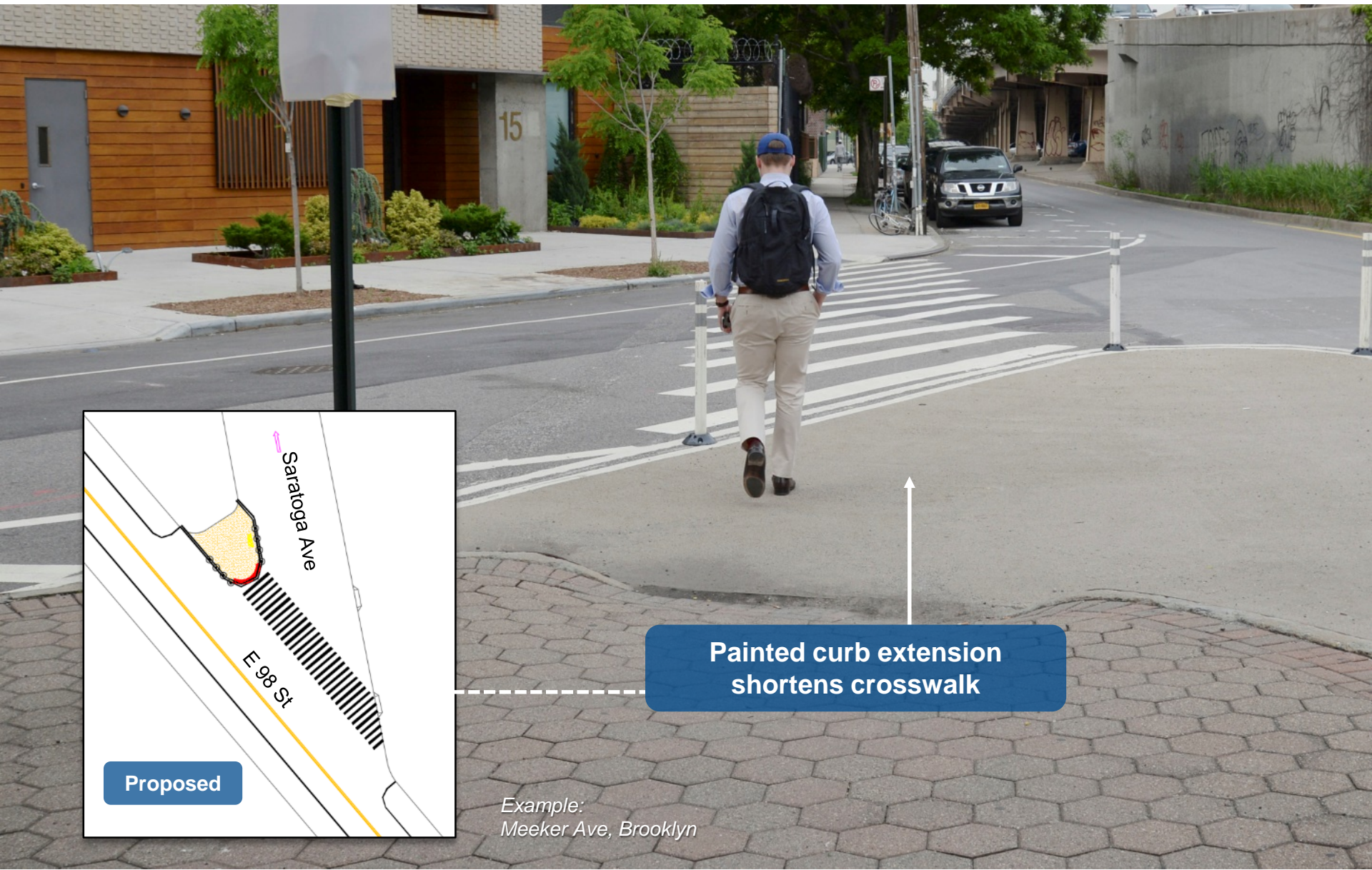
EXISTING CONDITIONS: E 98 ST AND SARATOGA AVE



Long
crosswalk
(130')

Illegally
parked
vehicles

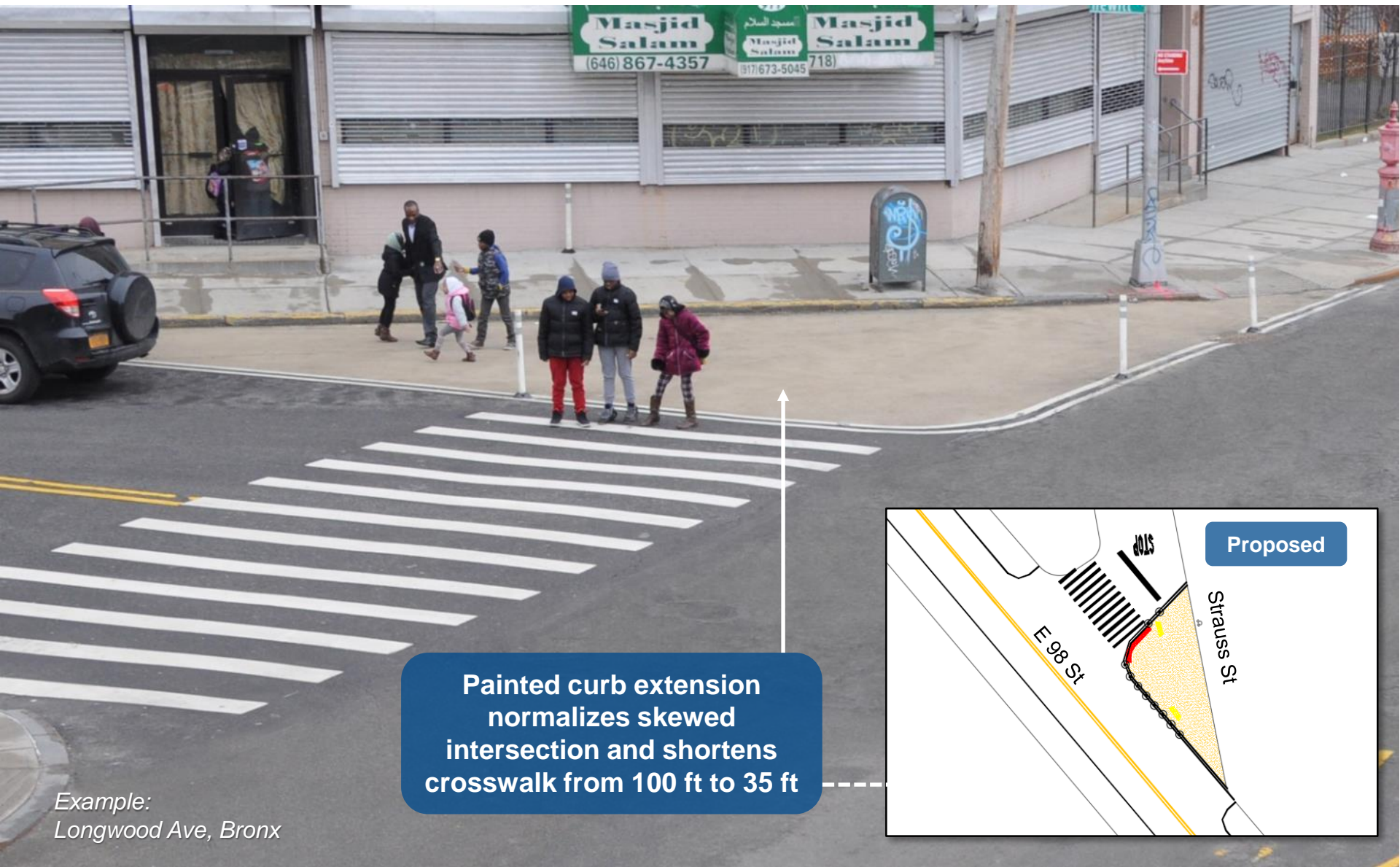
PROPOSED PAINTED CURB EXTENSION: E 98 ST AND SARATOGA AVE



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



PROPOSED PAINTED CURB EXTENSION: E 98 ST AND STRAUSS ST



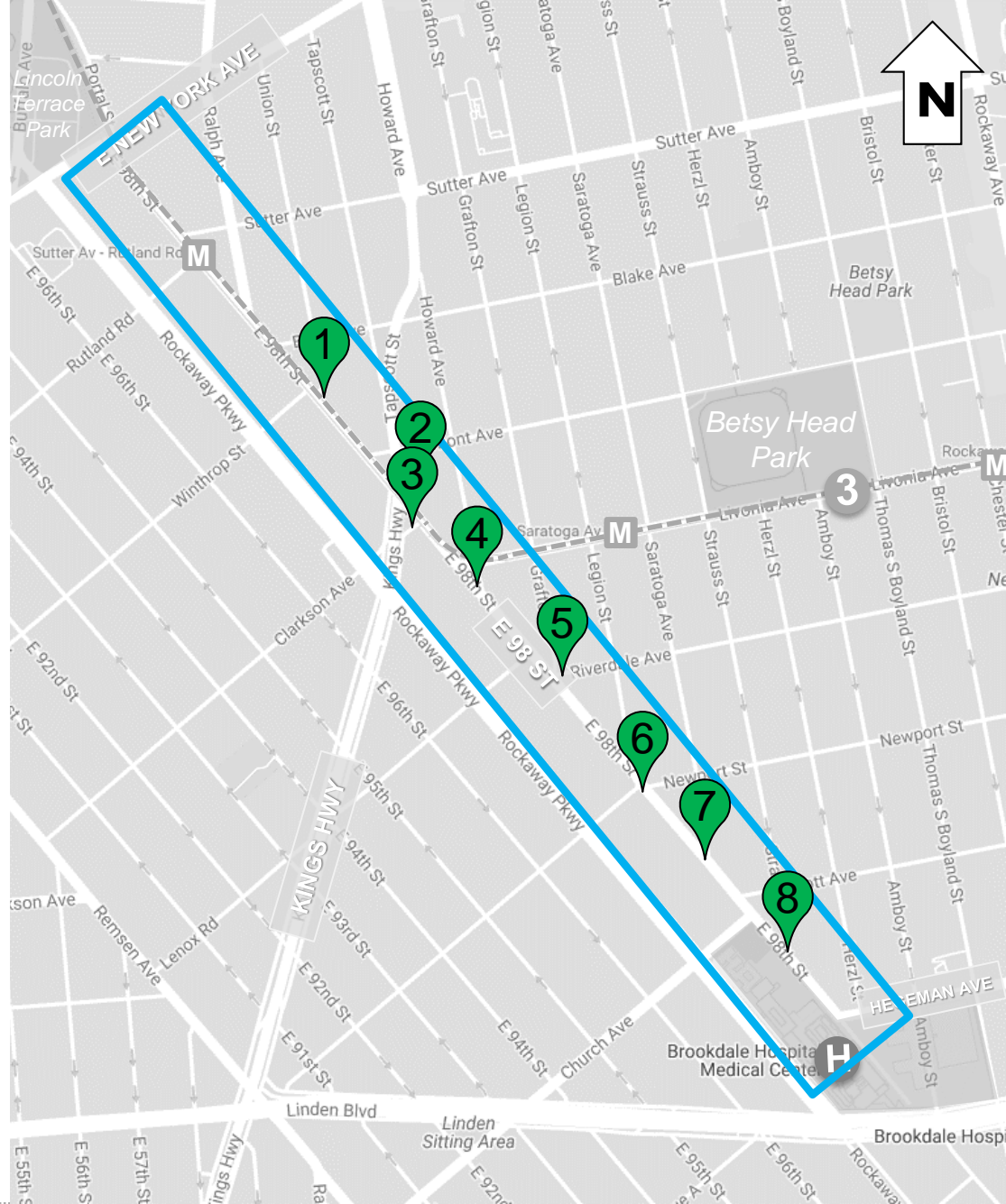
Painted curb extension
normalizes skewed
intersection and shortens
crosswalk from 100 ft to 35 ft

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



NYC DOT