



THOMSON AVENUE

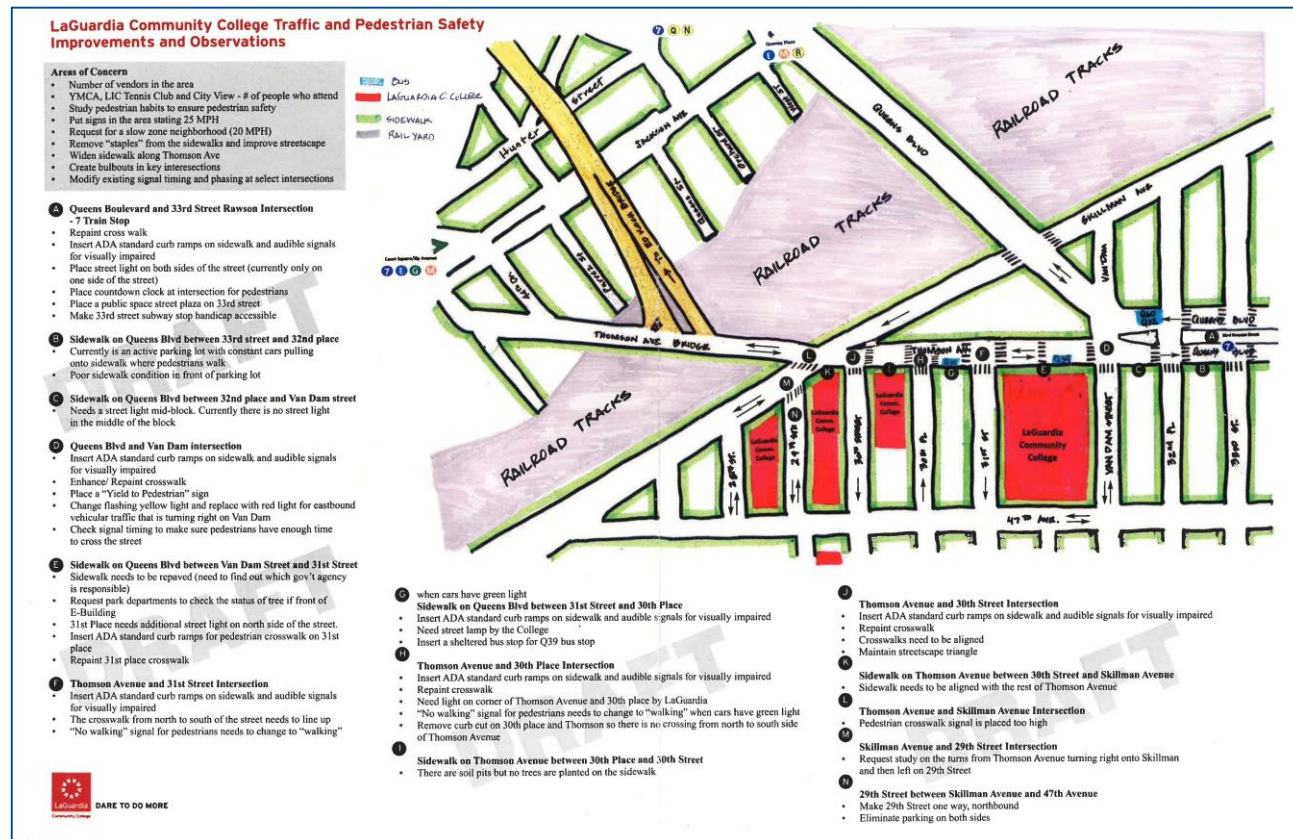
May 29, 2018

Background

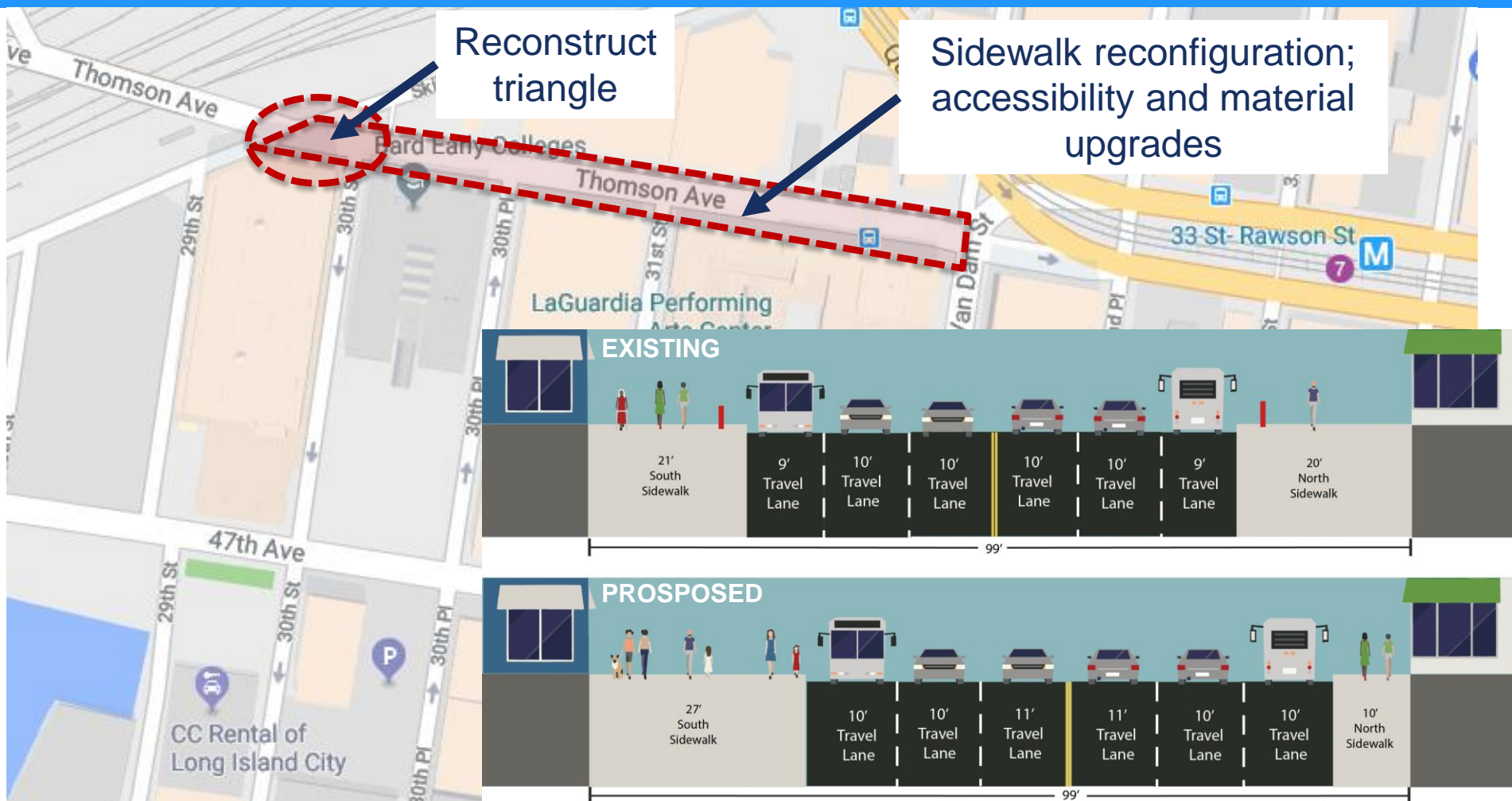
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2015 COMMUNITY REQUEST SUMMARY

- Improve streetscape
- Improve pedestrian safety
- Upgrade ADA access to current standards
- Provide pedestrian access
- Street lighting upgrades



ORIGINAL SCOPE



- Community requested DOT rethink the plan to better address pedestrian safety and streetscape enhancements
- sidewalk widening would require full street reconstruction which is very costly

Revised Capital Project Scope

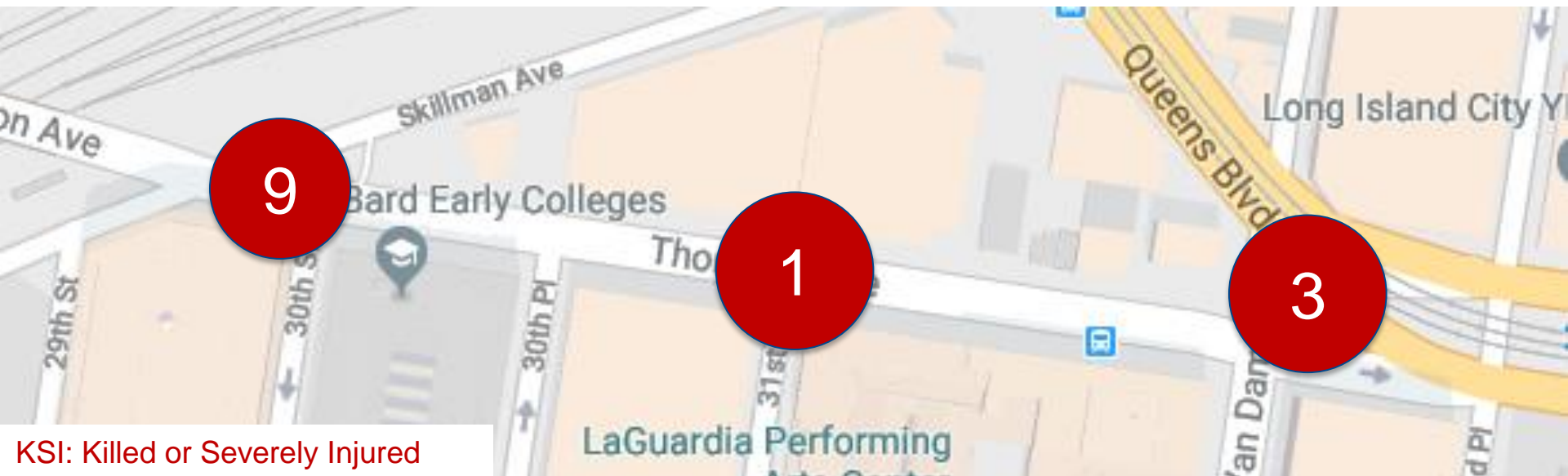
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SAFETY DATA

Thomson Ave – Skillman Ave to Queens Blvd

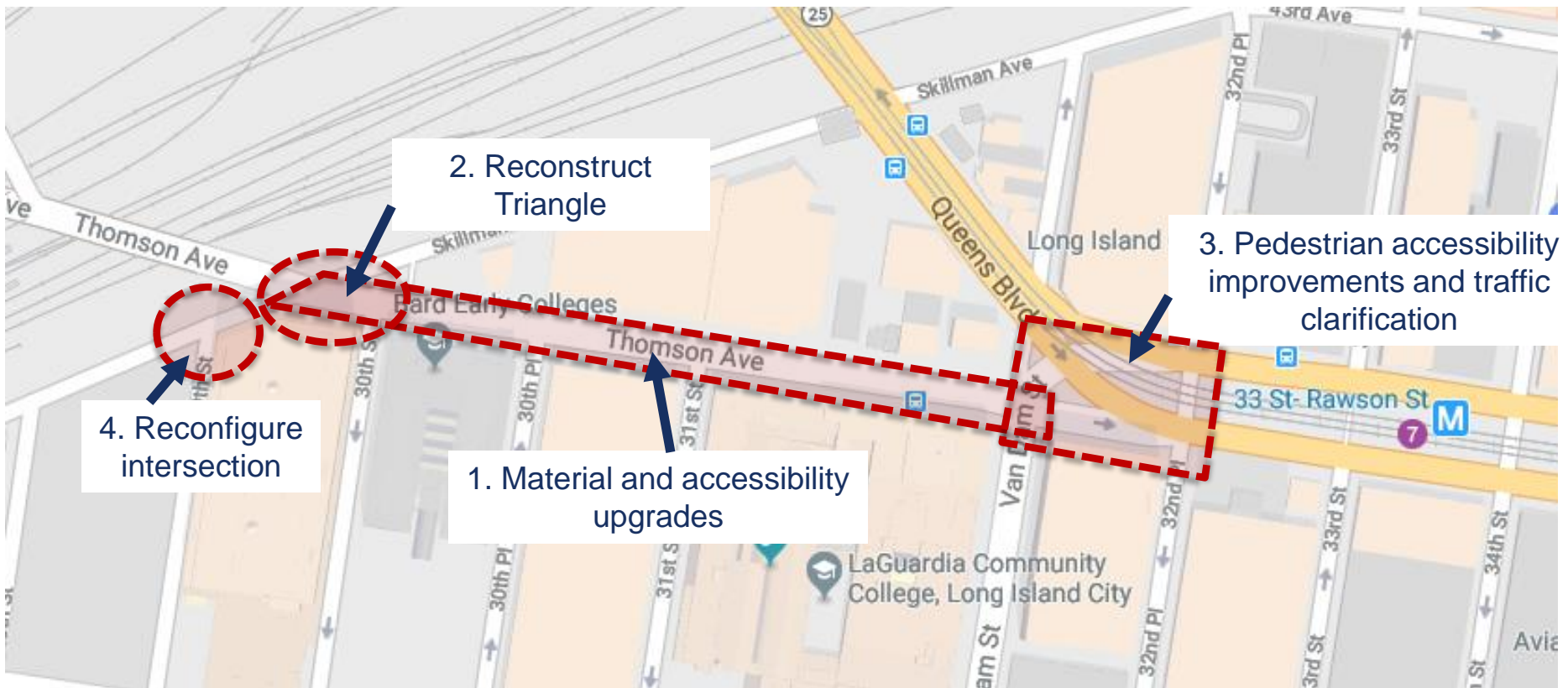
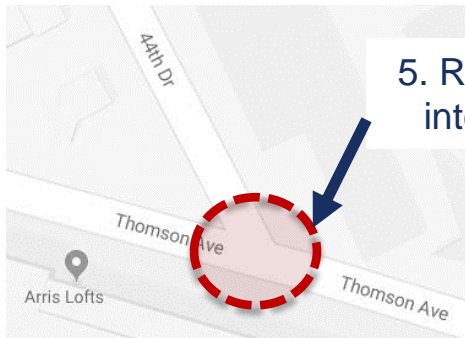
Injury Summary, 2012-2016 (5 years)

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	8	3	1	4
Bicyclists	3	0	0	0
Motor Vehicle Occupant	112	9	0	9
Total	123	12	1	13



KSI: Killed or Severely Injured

REVISED SCOPE



REVISED SCOPE

- Intersection improvements provide a greater safety benefit to pedestrians
- Revised scope addresses more of the community's request
- Locations are high pedestrian volume intersections that have been raised by LaGuardia Community College, Community Board 2, and Council Member Van Bramer

LaGuardia Community College Traffic and Pedestrian Safety Improvements and Observations

Areas of Concern

- Number of vendors in the area
- YMCA, LIC Tennis Club and City View - # of people who attend
- Study pedestrian habits to ensure pedestrian safety
- Put signs in the area stating 25 MPH
- Request for a slow zone neighborhood (20 MPH)
- Remove "staples" from the sidewalk and improve streetscape
- Widen sidewalk along Thomson Ave
- Create bulbouts in key intersections
- Modify existing signal timing and phasing at select intersections

- BUS
- LA GUARDIA C. COLLEGE
- SIDEWALK
- RAIL YARD

Queens Boulevard and 33rd Street Rawson Intersection

- 7 Train Stop
- Repaint crosswalk
- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired
- Place street light on both sides of the street (currently only on one side of the street)
- Place countdown clock at intersection for pedestrians
- Place a public space street plaza on 33rd street
- Make 33rd street subway stop handicap accessible

Sidewalk on Queens Blvd between 33rd street and 32nd place

- Currently is an active parking lot with constant cars pulling onto sidewalk where pedestrians walk
- Poor sidewalk condition in front of parking lot

Sidewalk on Queens Blvd between 32nd place and Van Dam street

- Needs a street light mid-block. Currently there is no street light in the middle of the block

Queens Blvd and Van Dam intersection

- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired
- Enhance/ Repaint crosswalk
- Place a "Yield to Pedestrian" sign
- Change flashing yellow light and replace with red light for eastbound vehicular traffic that is turning right on Van Dam
- Check signal timing to make sure pedestrians have enough time to cross the street

Sidewalk on Queens Blvd between Van Dam Street and 31st Street

- Sidewalk needs to be repaved (need to find out which gov't agency is responsible)

- Request park departments to check the status of tree if front of E-Building

- 31st Place needs additional street light on north side of the street.

- Insert ADA standard curb ramps for pedestrian crosswalk on 31st place

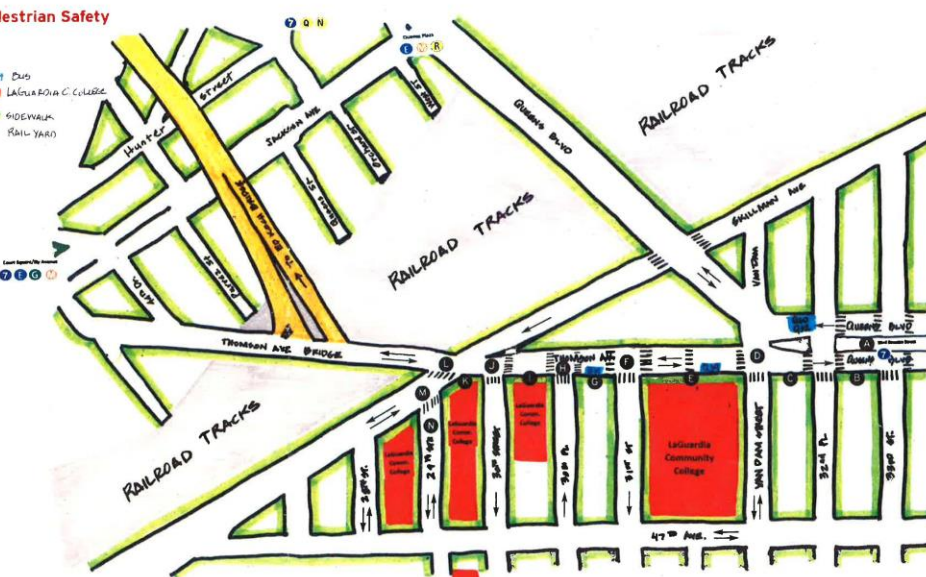
- Repaint 31st place crosswalk

Thomson Avenue and 31st Street Intersection

- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired

- The crosswalk from north to south of the street needs to line up

- "No walking" signal for pedestrians needs to change to "walking"



- when cars have green light
- Sidewalk on Queens Blvd between 31st Street and 30th Place

- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired

- Need street lamp by the College

- Insert a sheltered bus stop for Q39 bus stop

Thomson Avenue and 30th Place Intersection

- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired

- Repaint crosswalk

- Need light on corner of Thomson Avenue and 30th place by LaGuardia

- "No walking" signal for pedestrians needs to change to "walking" when cars have green light

- Remove curb cut on 30th place and Thomson so there is no crossing from north to south side of Thomson Avenue

Sidewalk on Thomson Avenue between 30th Place and 30th Street

- There are soil pits but no trees are planted on the sidewalk

- Thomson Avenue and 30th Street Intersection

- Insert ADA standard curb ramps on sidewalk and audible signals for visually impaired

- Repaint crosswalk

- Crosswalks need to be aligned

- Maintain streetscape triangle

- Sidewalk on Thomson Avenue between 30th Street and Skillman Avenue

- Sidewalk needs to be aligned with the rest of Thomson Avenue

- Thomson Avenue and Skillman Avenue Intersection

- Pedestrian crosswalk signal is placed too high

- Skillman Avenue and 29th Street Intersection

- Request study on the turns from Thomson Avenue turning right onto Skillman and then left on 29th Street

- 29th Street between Skillman Avenue and 47th Avenue

- Make 29th Street one way, northbound

- Eliminate parking on both sides

Key

Included in previous proposal

Included in both proposals

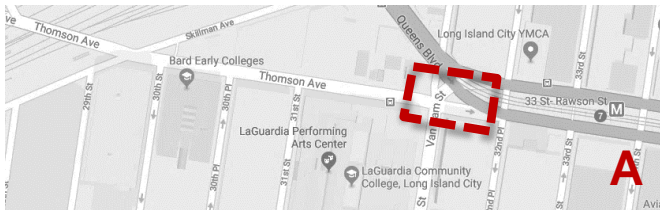
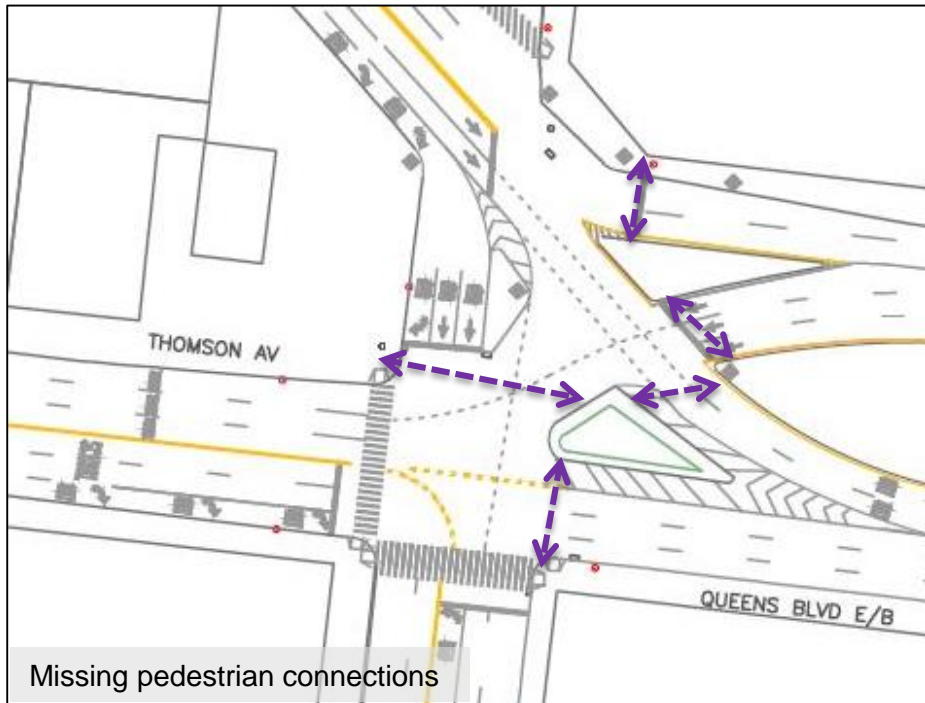
Included in revised proposal

Existing Conditions

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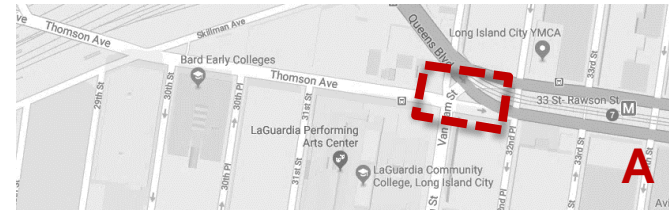
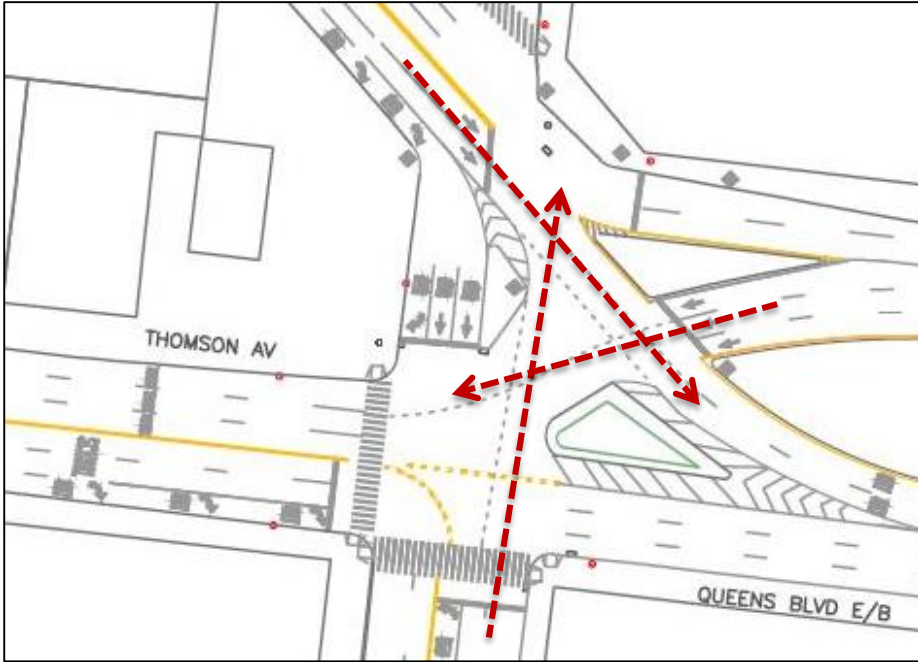
EXISTING CONDITION | THOMSON AND VAN DAM

- Key location for pedestrians; difficult
- Pedestrian desire lines show need for more crosswalks
- Pedestrian ramps, crosswalk markings and materials are outdated
- Existing islands are inaccessible



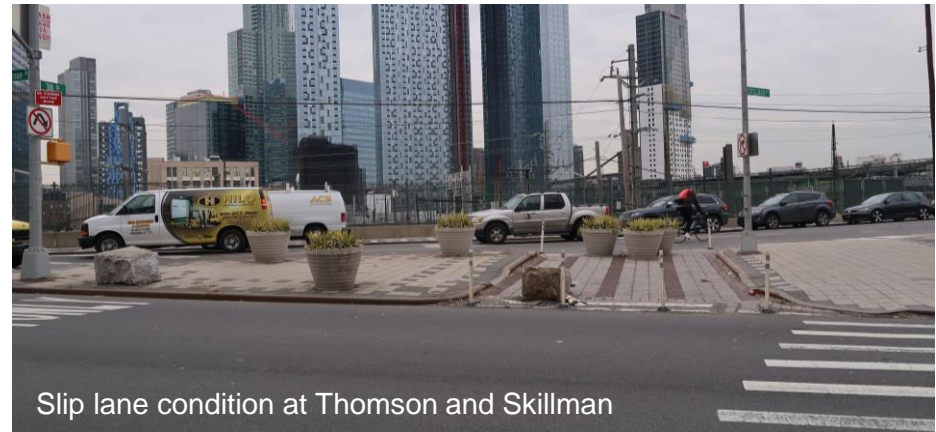
EXISTING CONDITION | THOMSON AND VAN DAM

- Complicated traffic patterns exasperate congestion

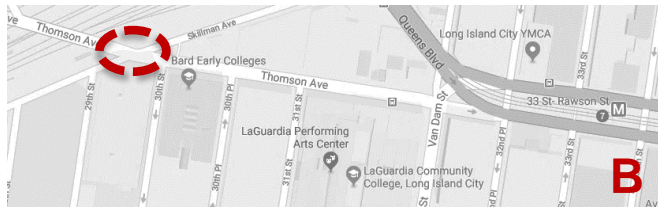


EXISTING CONDITION | SKILLMAN AVENUE

- Slip lane closure in temporary materials
- Sidewalk and crosswalk pavers are in poor condition



Slip lane condition at Thomson and Skillman



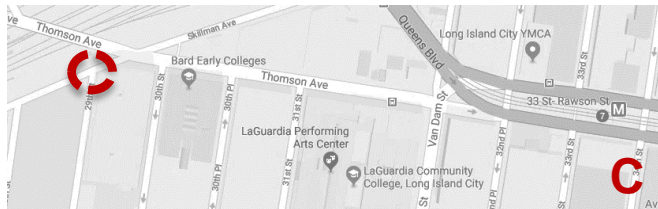
Looking east on Thomson, pavers in poor condition

EXISTING CONDITION | SKILLMAN AND 29TH ST

- 29th Street was recently converted from a two-way street to a one-way street heading north
- 29th Street does not connect to Skillman at a right angle



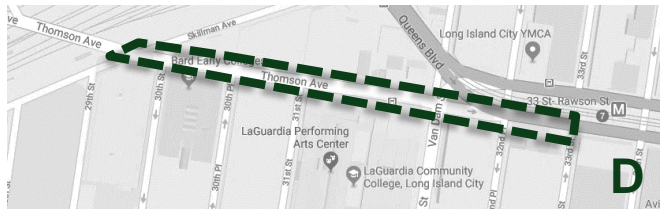
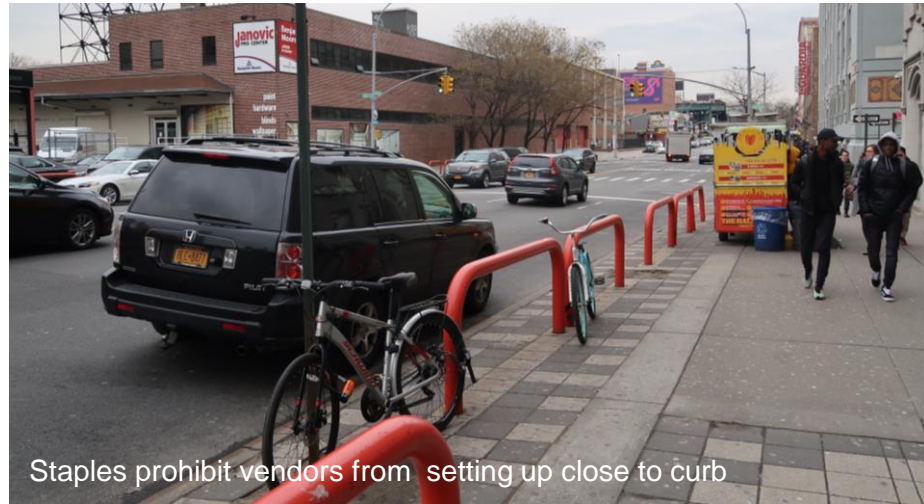
29th Street coming into Skillman Avenue



Long crossing distances on 29th Street

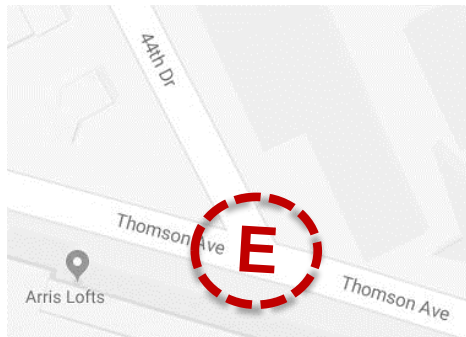
EXISTING CONDITION | CORRIDOR WIDE

- “Staples” are outdated and reduce usable sidewalk area
- “Staples” are being used as bike racks
- Pavers create pedestrian impediments on the sidewalk and in the crosswalk



EXISTING CONDITION | THOMSON AND 44TH DR

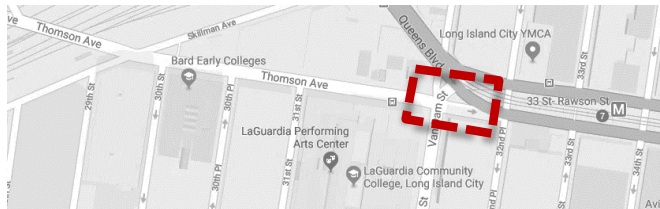
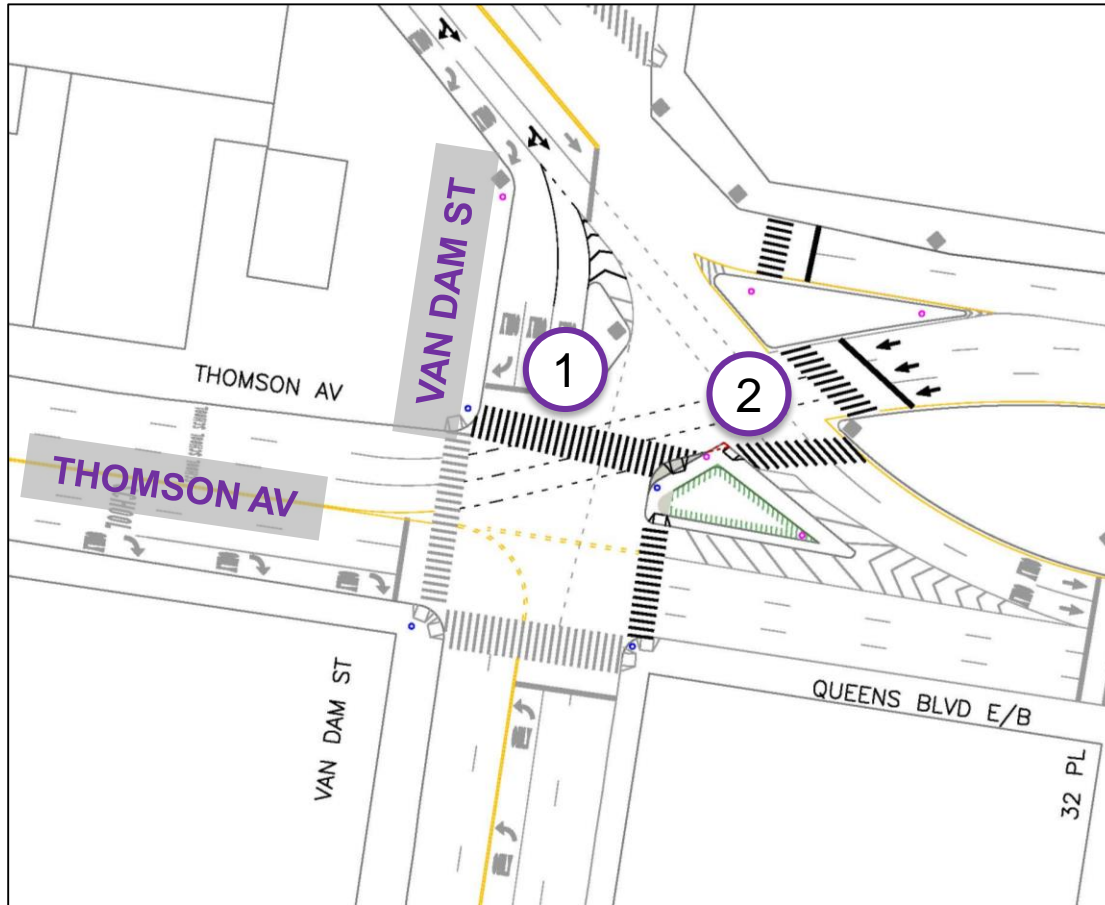
- Missing crosswalk along NE side of Thomson Av
- Long pedestrian crossing distances
- Speeding of vehicles



Short Term Proposal

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PROPOSAL I THOMSON AND VAN DAM

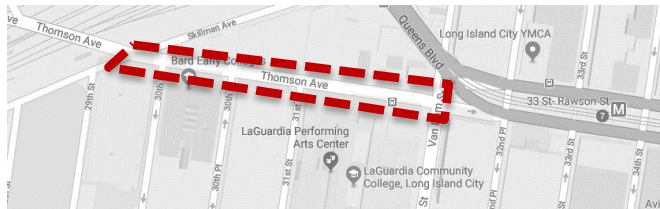


- Add pedestrian connectivity through crosswalks, pedestrian ramps, and signals
- Late fall 2018 or early spring 2019 implementation



PROPOSAL I CORRIDOR

- Investigate signal timing improvements
- Install measures preventing Thomson Ave Bridge north curb pedestrian access
- Mid-block intersection in front of E Building investigation regarding conditions
- Parking review on Thomson Ave south curb to provide traffic calming and protection from moving vehicles
- Investigate Thomson and Court Square East intersection
- Working with LAGCC to improve Thomson Ave alignment at Skillman through building improvements



Capital Project Scope

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TIMELINE

Preliminary Scoping
(Completed: April '18)

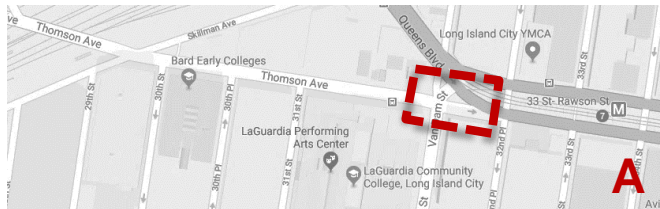
Capital Project Initiation
(November '18)



CONSTRUCTION
(Start: FY23)

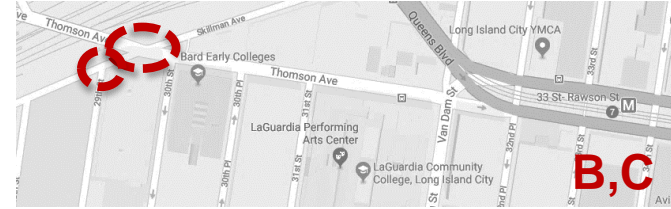
CAPITAL I THOMSON AND VAN DAM

- Investigate upgrading traffic patterns
- Investigate further improving pedestrian connectivity and maximizing pedestrian space
- Upgrade sidewalk materials throughout intersection



CAPITAL I SKILLMAN AVENUE

1. Build out slip-lane closure
2. Normalize intersection by building a curb extension



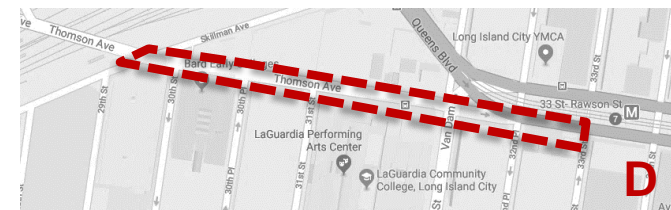
CAPITAL I CORRIDOR WIDE



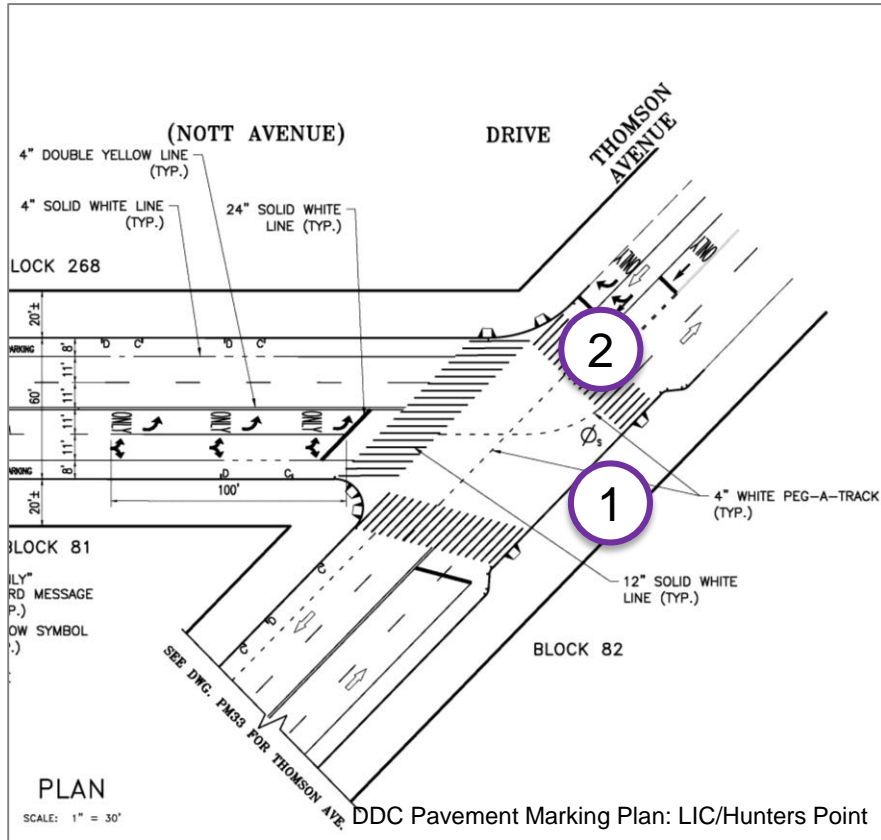
- 1 Enhance sidewalk with upgraded materials, furniture, and landscaping



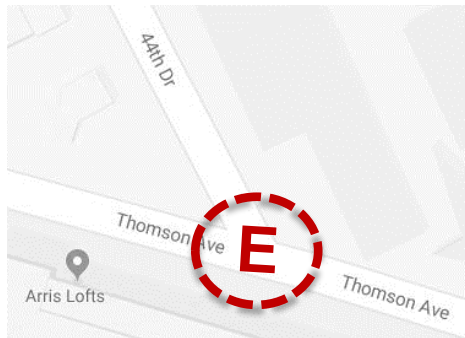
- 2 Improve pedestrian safety at intersections with high visibility and, if possible, raised crosswalks
- 3 Make all curb ramps ADA compliant



CAPITAL I THOMSON AND 44TH DR



- 1 Install a neckdown to provide traffic calming and pedestrian visibility
- 2 Install a high visibility crosswalk on the NE side of Thomson Av



THANK YOU!

Questions?



NYC DOT



NYC DOT



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