



# SOUNDVIEW AVE

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Presentation to CB9

June 7<sup>th</sup>, 2018

# BACKGROUND – SOUNDVIEW AVE

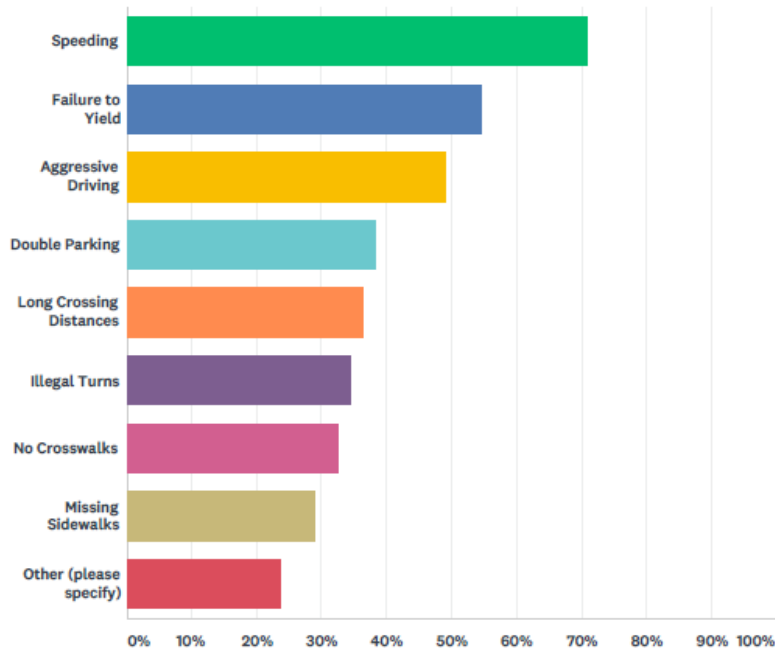
- Soundview Ave from Lafayette Ave to Cornell Ave is a high crash corridor with one pedestrian fatality at Taylor Ave
- Diagonal roadway through a grid which creates irregular intersection geometry
- No subway access, bus is the primary transit option
- NYC Ferry at Clason Point Park launching Summer 2018
- Community requests to install missing crosswalks along Soundview and for traffic improvements at Cornell Ave and Pugsley Ave





# BACKGROUND – AMBASSADOR OUTREACH

- In December 2017 and April 2018 the Street Ambassador team deployed and spoke to the community in Soundview
- ~100 surveys and mapping exercises were conducted over 5 days and top traffic safety issues were:

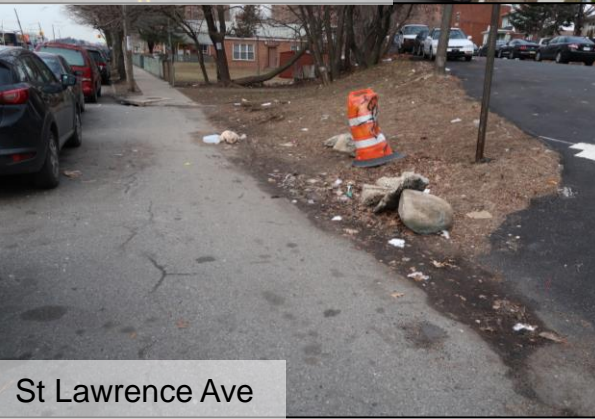


- On Monday June 11<sup>th</sup> the Ambassadors will be outside Rite Aid at Story Ave and Soundview Ave from 4-6 pm and more outreach is planned



# EXISTING PEDESTRIAN CONDITIONS

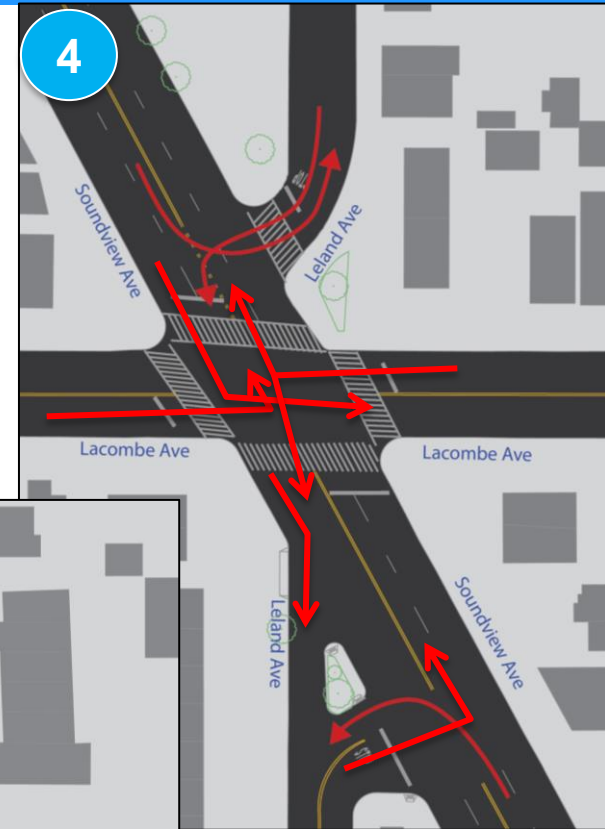
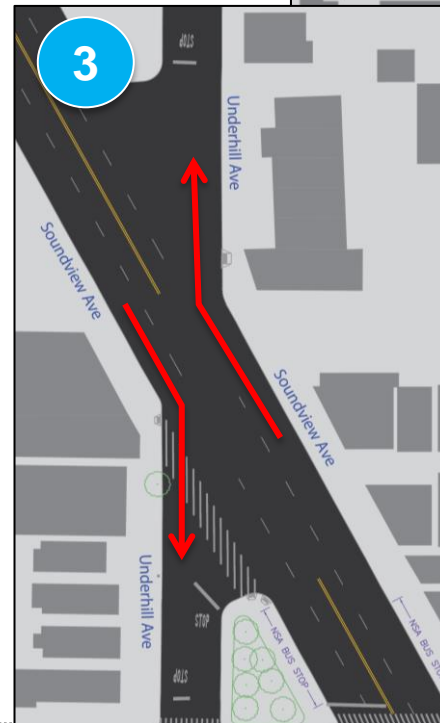
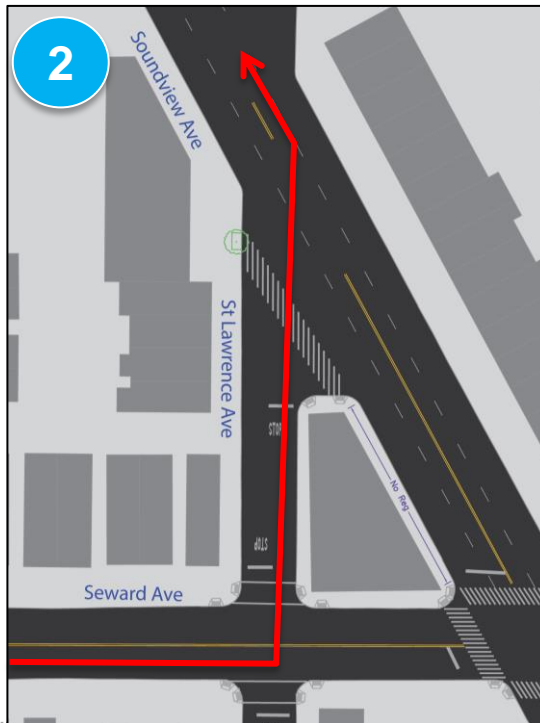
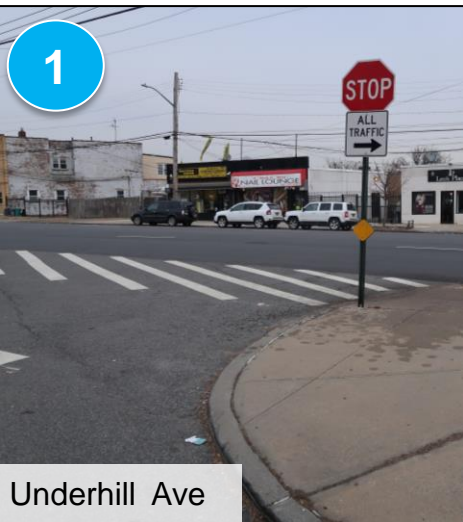
- Many irregular intersections with missing crosswalks creates an incomplete pedestrian network with long crossing distances
- Triangles either lack sidewalks or are not ADA compliant





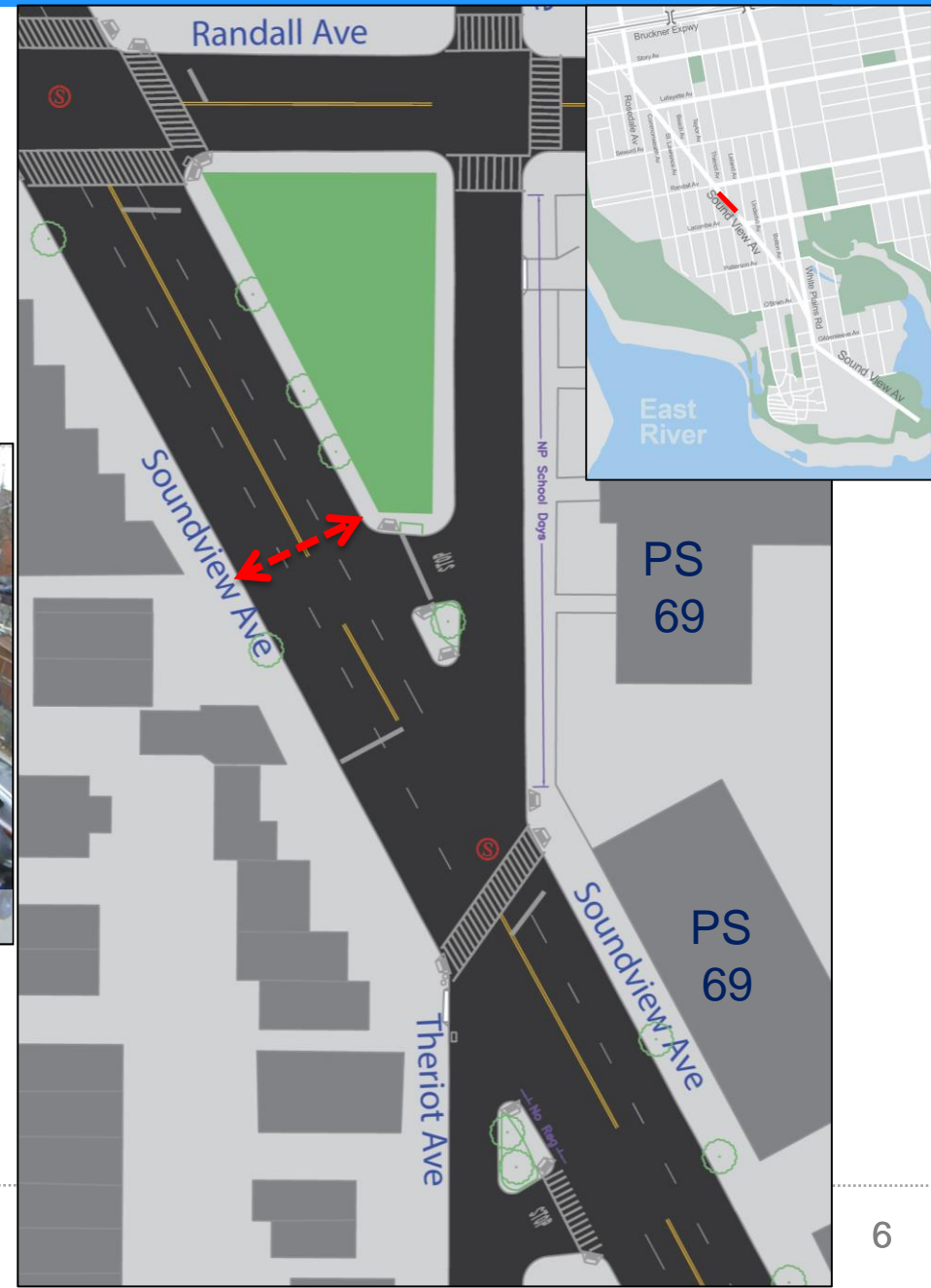
# EXISTING VEHICULAR CONDITIONS

- 1 Inconsistent turn bans and existing turn bans are not obeyed
- 2 Vehicles use slip roads to avoid signals
- 3 Soft turns allow for high speeds
- 4 Multi-leg intersection where Soundview Ave, Lacombe Ave, and Leland Ave meet



# EXISTING CONDITIONS – RANDALL AND THERIOT

- Theriot Ave is closed to traffic on school days for student safety and the Principal has requested the street be closed permanently
- Strong pedestrian desire line to cross Soundview midblock at PS 69

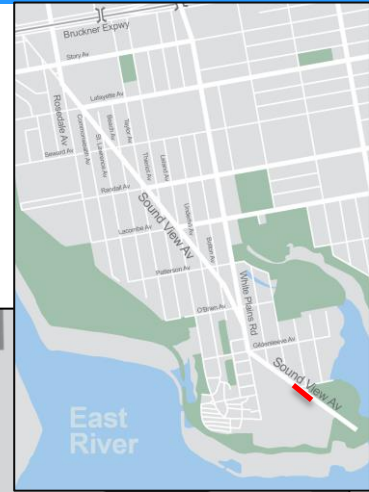
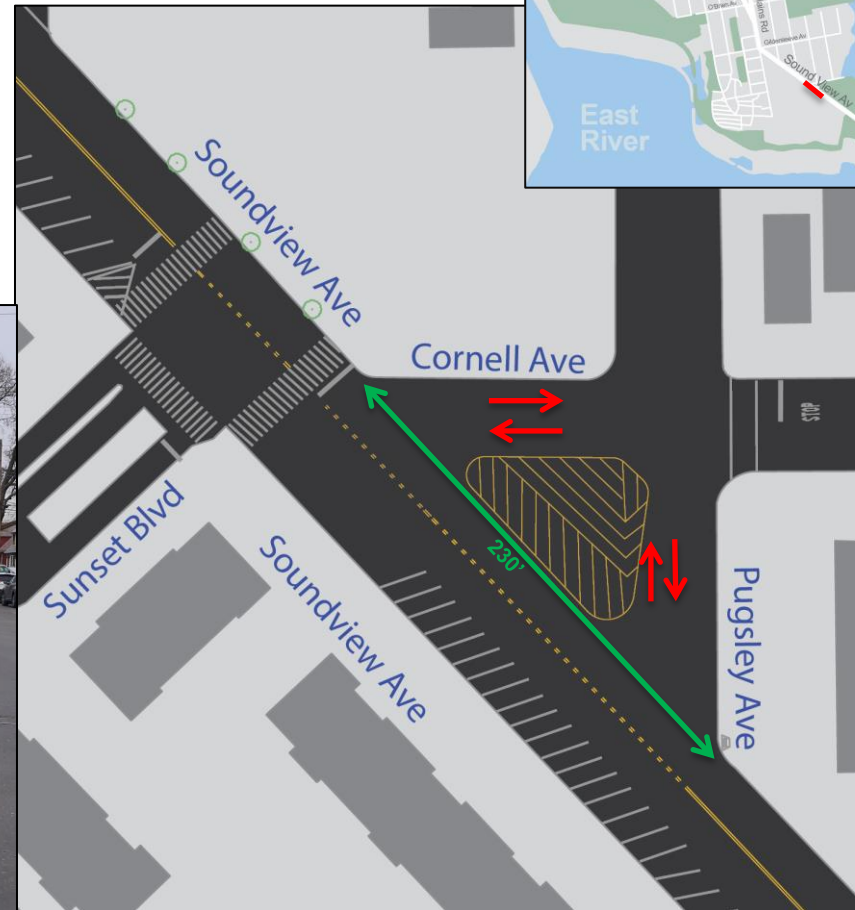


# EXISTING CONDITIONS- CORNELL AVE AND PUGSLEY AVE

- Missing crosswalks and no pedestrian refuge at long crossing
- Large channelized triangle used for Bx27 and Bx39 layover
- Cornell Ave and Pugsley Ave are both two-way around the triangle
- New signal installed at Soundview and Sunset Blvd



Existing Conditions: Soundview Ave facing north at Cornell Ave



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PROPOSAL

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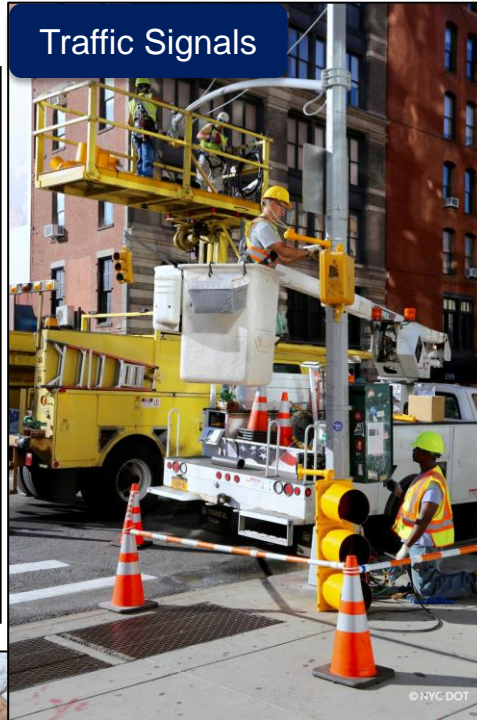


# TOOLKIT

Qwik Kurb



Traffic Signals



Markings



Concrete Curb Extension



Interim Painted Curb Extension



# PROPOSAL –LAFAYETTE AVE TO BOLTON AVE

- Install missing crosswalks and paint triangles, sidewalks, and curb extensions to complete the pedestrian network and shorten crossing distances
- Future concrete build out to be investigated





# LAFAYETTE AVE

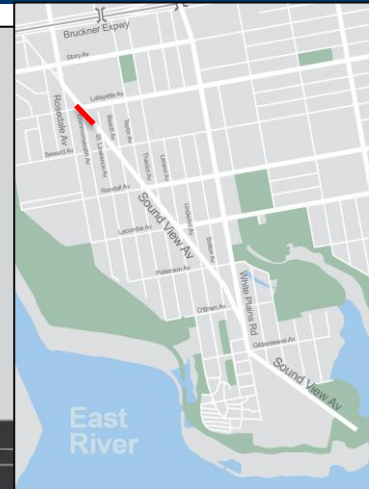
## EXISTING



## PROPOSAL

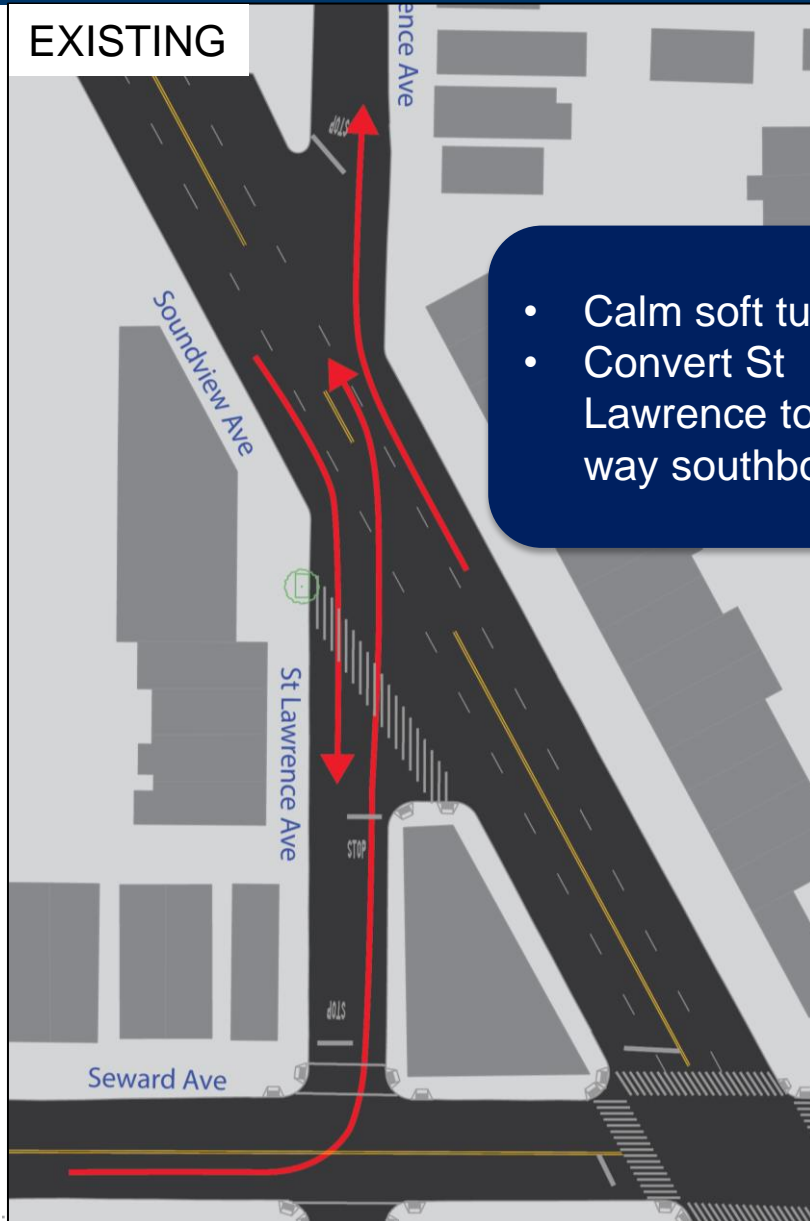


- Calm soft turns
- Install pedestrian refuge area around triangle
- Future: install concrete island



# ST LAWRENCE AVE/SEWARD AVE

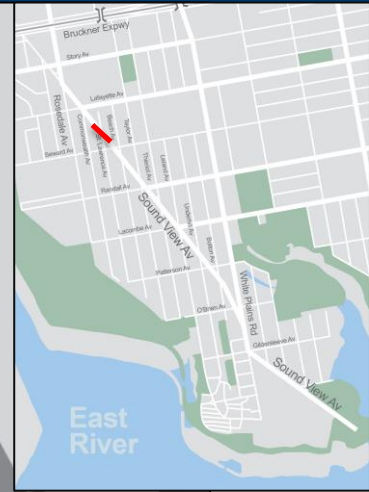
EXISTING



PROPOSAL



- Calm soft turns
- Convert St Lawrence to one way southbound



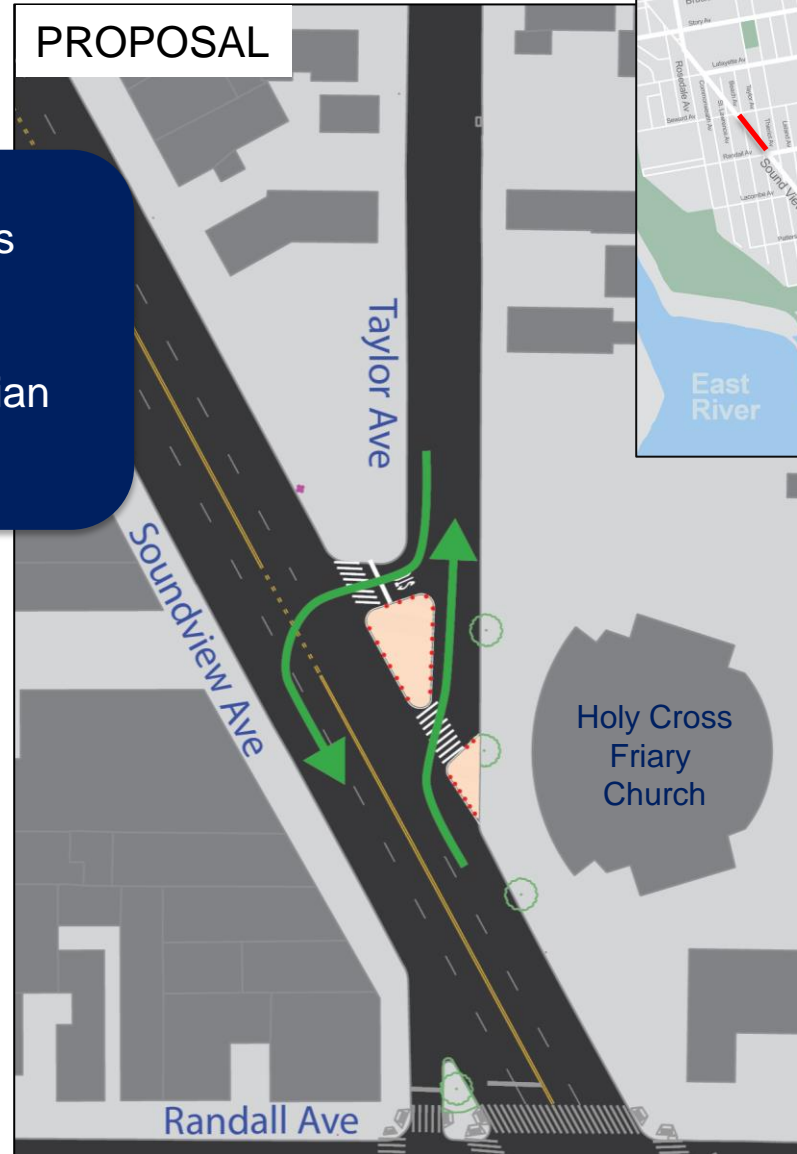


# TAYLOR AVE

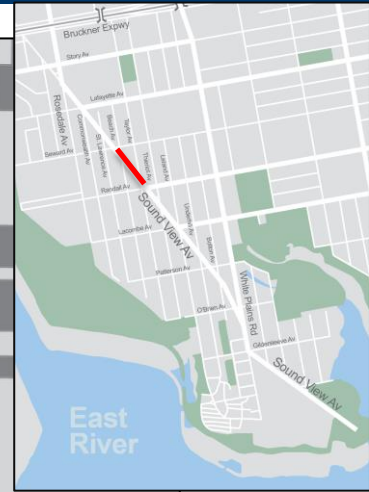
## EXISTING



## PROPOSAL



- Calm soft turns
- Clarify traffic movements
- Install pedestrian triangle



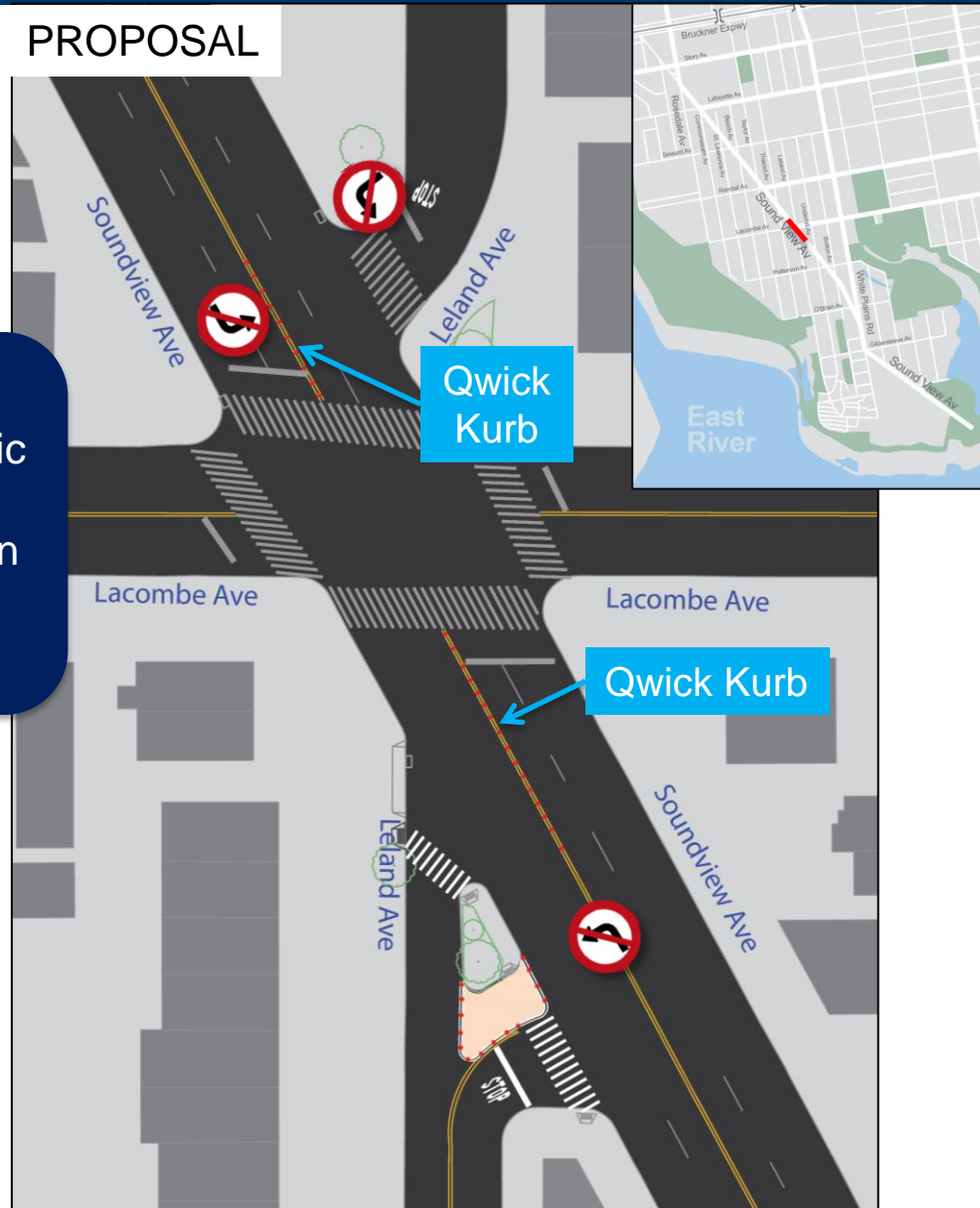
# LELAND AVE / LACOMBE AVE

## EXISTING



- Restrict turns to provide safer traffic movements
- Expand pedestrian space on existing island

## PROPOSAL





# UNDERHILL AVE/LACOMBE AVE



- Enforce existing turn restrictions
- Convert Underhill Ave to one way southbound



# PROPOSAL – RANDALL AND THERIOT

- Close Theriot Ave between Randall Ave and Soundview Ave permanently, but still allow access for official vehicles to parking lot entrance
- In discussion to install mural on closed roadway
- Installation of new signal on Soundview Ave at pedestrian desire line between Randall Ave and Theriot Ave under review



## Proposed Configuration: Cardinal Hayes HS Grand Concourse and 153<sup>rd</sup> St



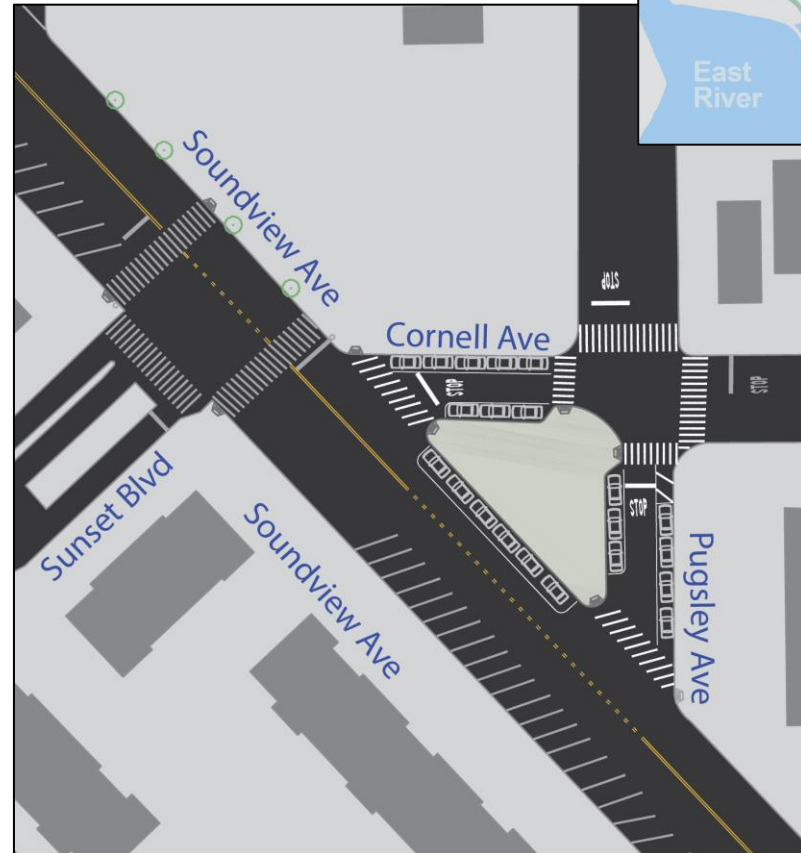
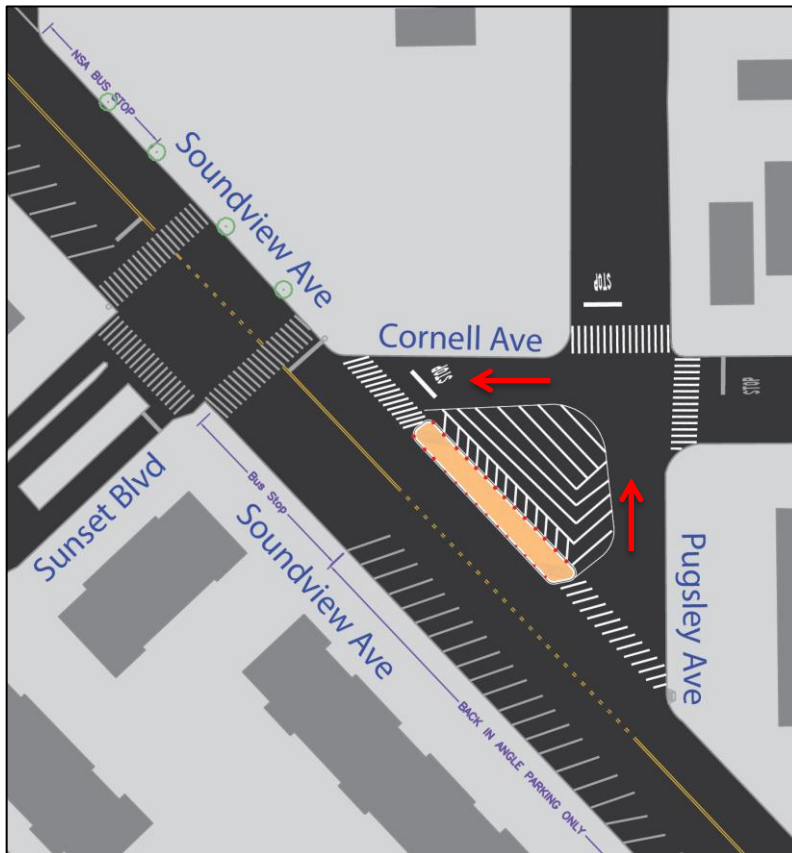
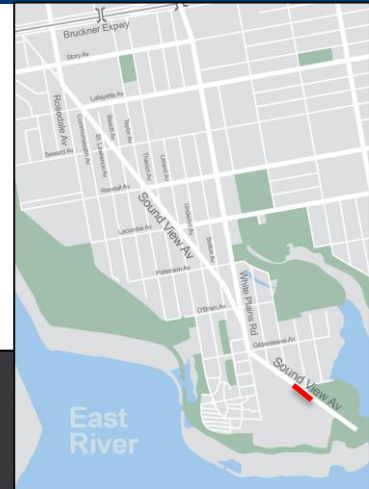


# PROPOSAL – CORNELL AVE/PUGSLEY AVE

- Install crosswalks and pedestrian refuge along bus layover triangle
- Convert Cornell Ave and Pugsley Ave to one way

## Future

- Build triangle in concrete
- Add parking



# SUMMARY

- Install missing crosswalks and install painted curb extensions, sidewalks, and triangles to complete the pedestrian network along Soundview Ave
- Add ~8 parking spaces
- Convert two slip roads on Underhill Ave and St Lawrence Ave to one-way southbound
- Enforce existing turn bans at Underhill Ave and create new turn bans at Leland Ave
- Permanently close Theriot Ave between Randall Ave and Soundview Ave in front of PS 69
- Possibly new signal on Soundview Ave at PS 69
- Convert Cornell Ave and Pugsley Ave to one way around bus layover triangle



Existing Conditions: PS 69

# THANK YOU!

## Questions?



Existing Conditions: St Lawrence Ave and Soundview



NYC DOT



NYC DOT



nyc\_dot



NYC DOT