



50TH AVENUE ONE-WAY CONVERSION

Community Board 2
March 12th, 2018



Background and Study Area



STUDY AREA



- CB 2 requested a study in May 2017 for street directional changes on behalf of residents.
- Main concern was to improve safety by reducing cut-through traffic currently using 50th Avenue.
- Study area is primarily residential.

Legend:
- - - = Study Area



Existing Conditions

2

ISSUE: CUT THROUGH ROUTES

- Currently 50th Ave is used as a cut-through route between Laurel Hill Blvd and 69th St.
- AM hours more traffic was observed going westbound on 50th Ave making a right turn onto 61st St going towards Queens Blvd or BQE (I-278)
- PM hours traffic was observed going eastbound on 50th Ave from Laurel Hill Blvd towards 69th Street.



AM cut-through traffic route = 
PM cut-through traffic route = 

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

ISSUE: NARROW STREET WIDTH

Narrow width and parking on both sides of the street:

- a) Prevents opposing vehicles from passing easily and safely.
- b) Forces vehicles in opposing direction to pull over to pass.
- c) Potential for sideswiping of parked vehicles.



50th Ave is 30 feet wide. Ideally two-way streets with parking on both sides are 40 feet wide.



ISSUE: POTENTIAL TURNING MOVEMENT CONFLICTS



Existing:

- 5 movements total.
- Avoids conflicting movements due to the geometric layout of the intersection.

Residents Proposal:

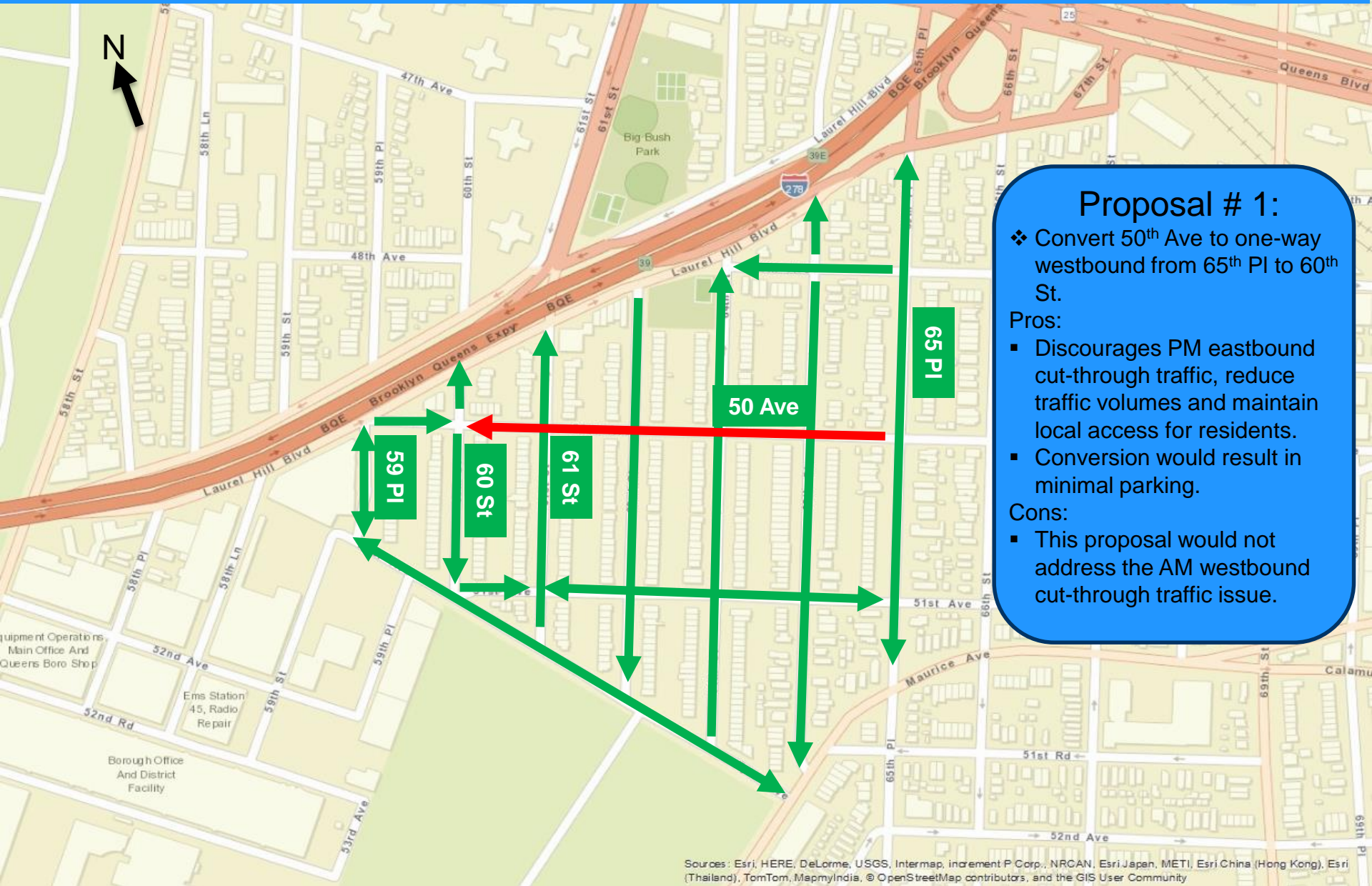
- 50th Ave be reversed to one-way westbound to Laurel Hill Blvd.
- Adds two new movements and additional turning conflicts due to geometric layout.



Proposed Changes

3

PROPOSAL # 1:



Proposal # 1:

- ❖ Convert 50th Ave to one-way westbound from 65th PI to 60th St.

Pros:

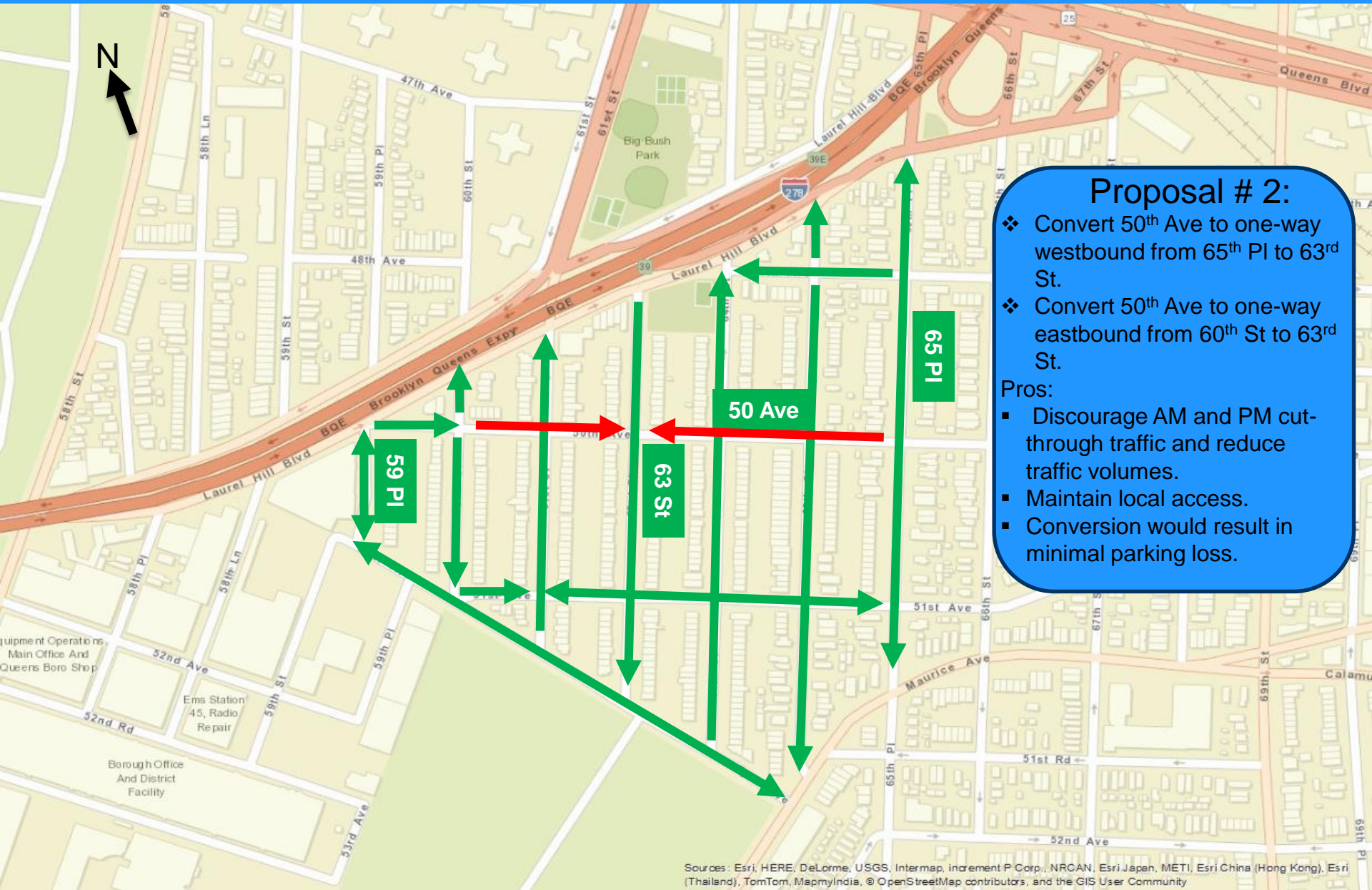
- Discourages PM eastbound cut-through traffic, reduce traffic volumes and maintain local access for residents.
- Conversion would result in minimal parking.

Cons:

- This proposal would not address the AM westbound cut-through traffic issue.

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PROPOSAL # 2:



Proposal # 2:

- ❖ Convert 50th Ave to one-way westbound from 65th Pl to 63rd St.
- ❖ Convert 50th Ave to one-way eastbound from 60th St to 63rd St.

Pros:

- Discourage AM and PM cut-through traffic and reduce traffic volumes.
- Maintain local access.
- Conversion would result in minimal parking loss.

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

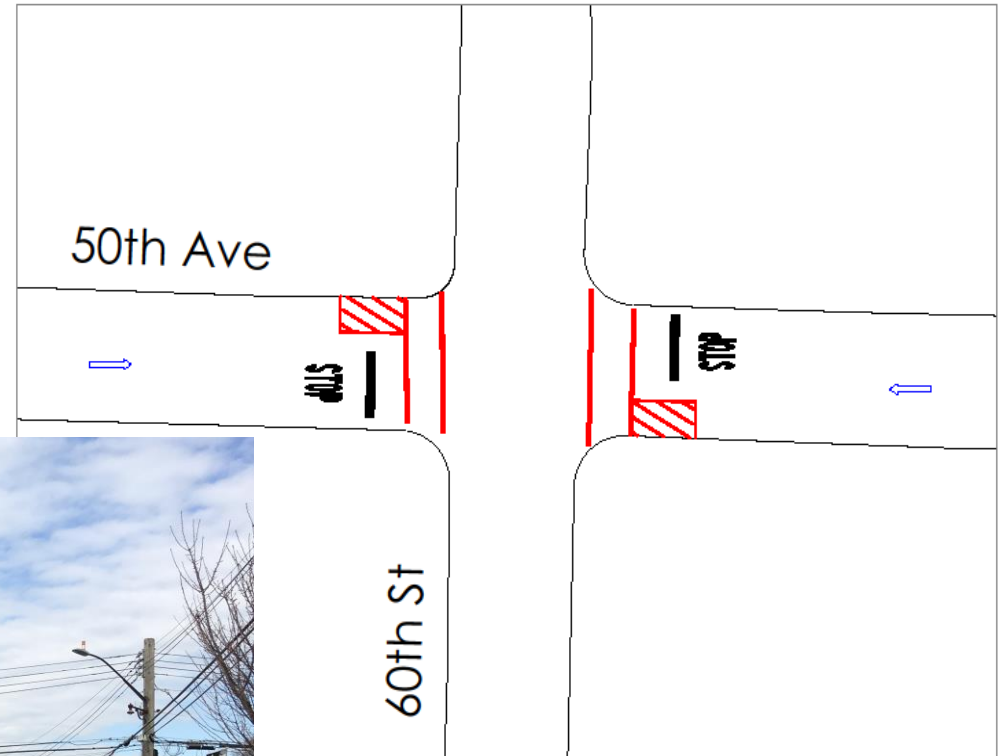
PROPOSED CHANGES:

Signage:

- One-way arrows.
- Do Not Enter.
- No left/ right turn.
- New.

Pavement Markings:

- Blockbuster
(loss of one parking space each corner).



THANK YOU!

Questions?



NYC DOT



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