



5th Street One-Way Conversion

Presented to Community Board 2 Transportation Committee

January 4th, 2022

Study Area / Background

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- **2014:**
 - 5th Street from 46th Road to 50th Avenue converted to one-way southbound operation.
- **2017:**
 - All-Way Stop installed at 5th Street and 51st Avenue.
- **2018:**
 - All-Way Stop installed at 5th Street and 50th Avenue.
- **2021:**
 - CB 2 and NYPD requested 5th Street from 50th Avenue to Borden Avenue be converted to one-way southbound operation.

Legend:

Existing Street Direction = 

Study Area = 

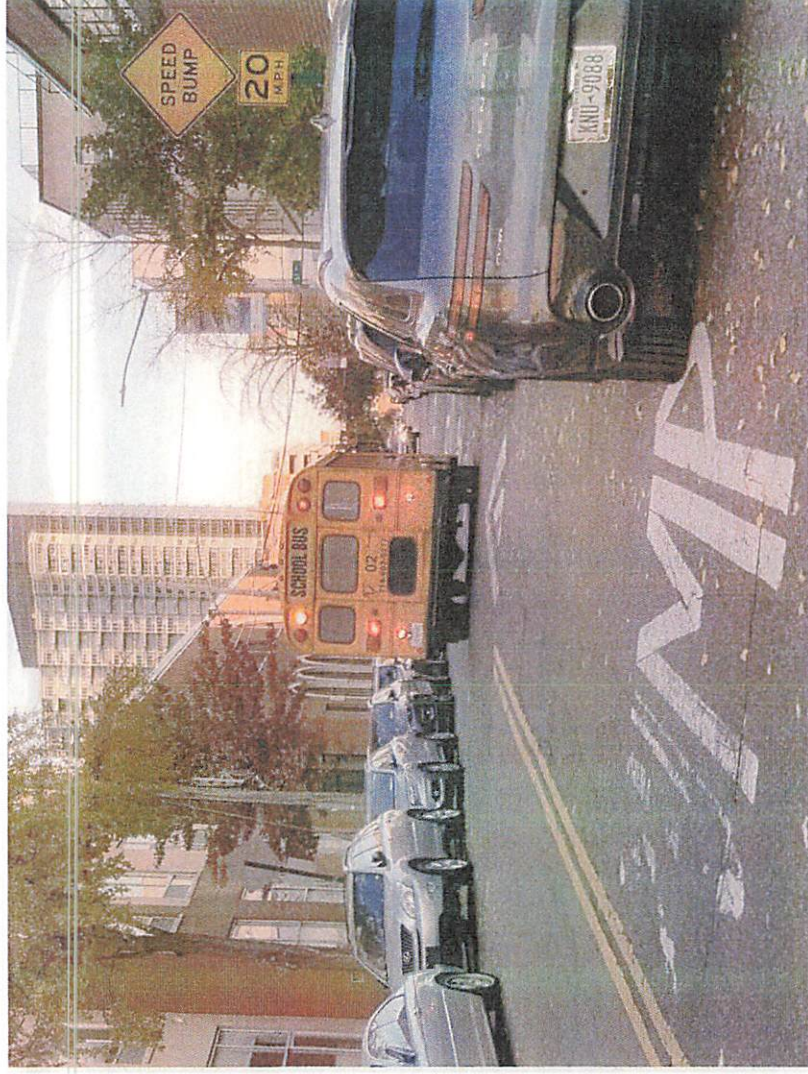


Existing Conditions

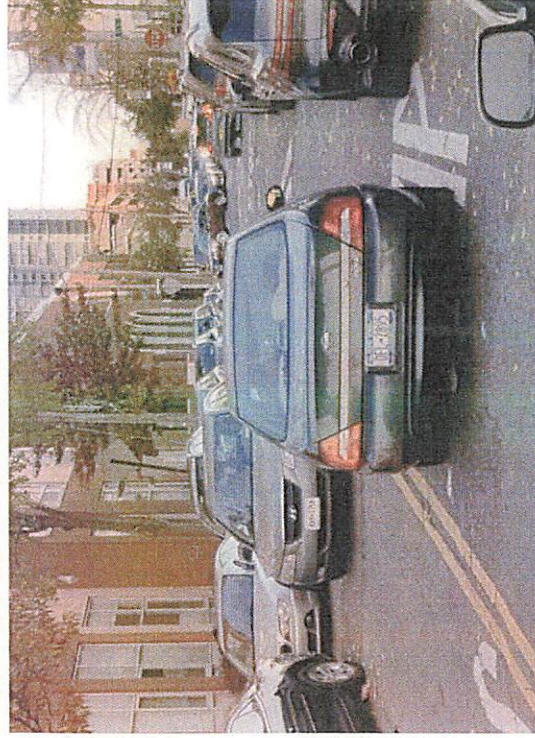
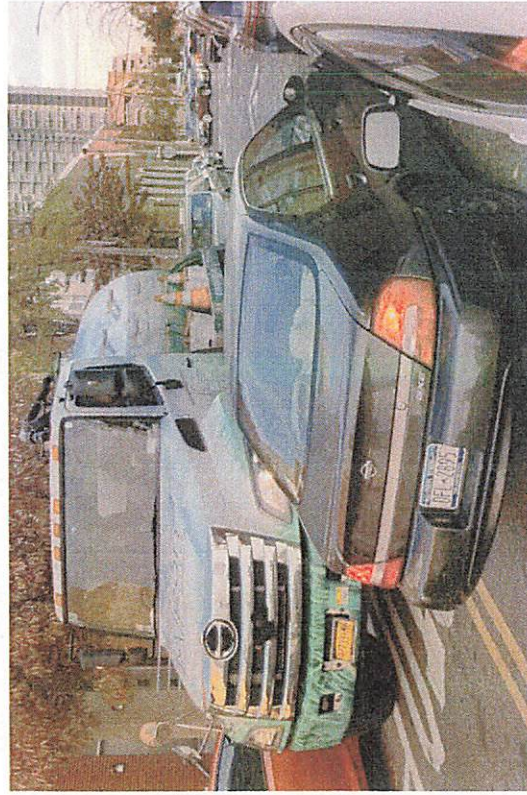
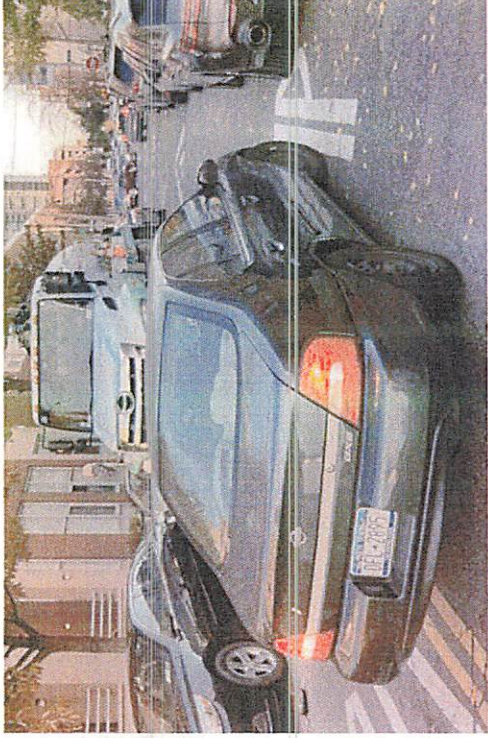
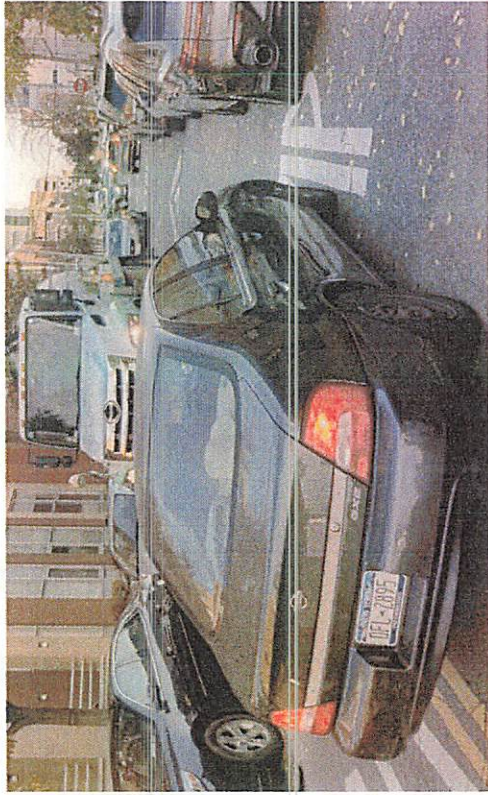
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Existing Conditions

- 5th Street is a narrow (30 foot) two-way street, with parking on both sides, which results in:
 - Vehicles being forced to pull over to allow opposing traffic to pass.
 - Potential for sideswipe crashes involving moving and parked vehicles.

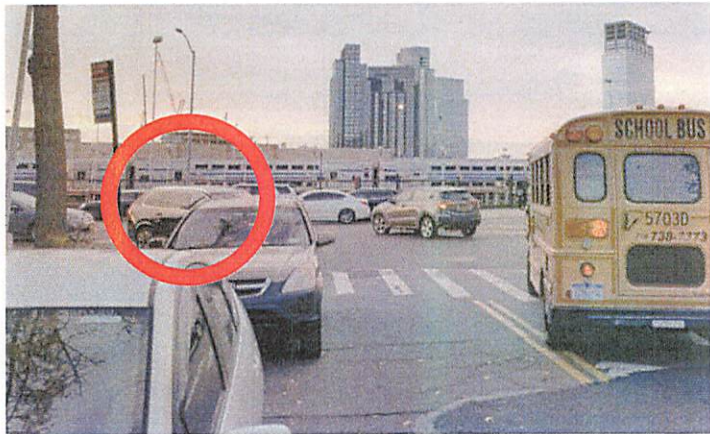


Existing Conditions



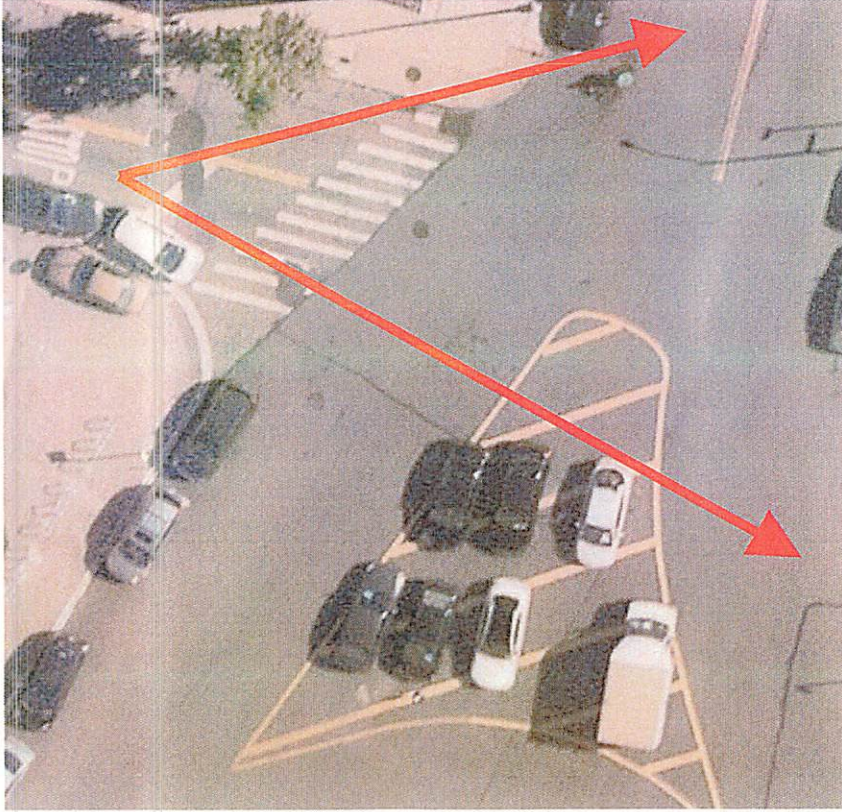
Existing Conditions

- ❑ Tight turning radius and the narrow width of 5th Street hinders vehicles on the side streets from easily turning onto 5th Street, leading to blocked crosswalks and localized congestion.



Existing Conditions

- Illegally parked vehicles in channelized area obstructs sight lines for southbound drivers approaching Borden Ave on 5th Street.



- Drivers perspective traveling southbound on 5th St approaching Borden Ave.

Driver's sight line = 

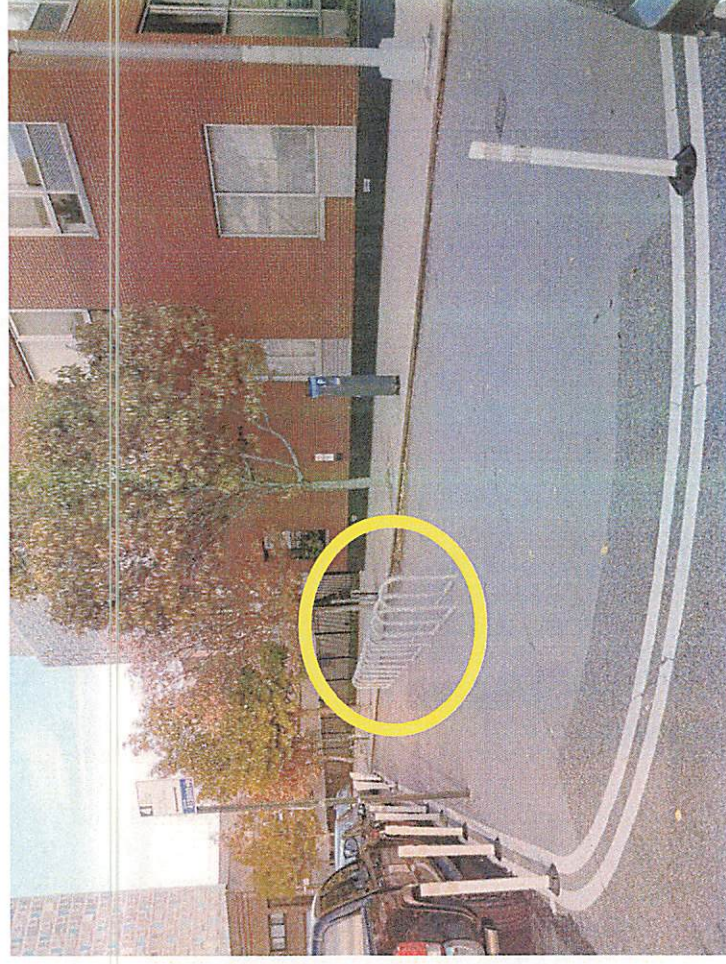
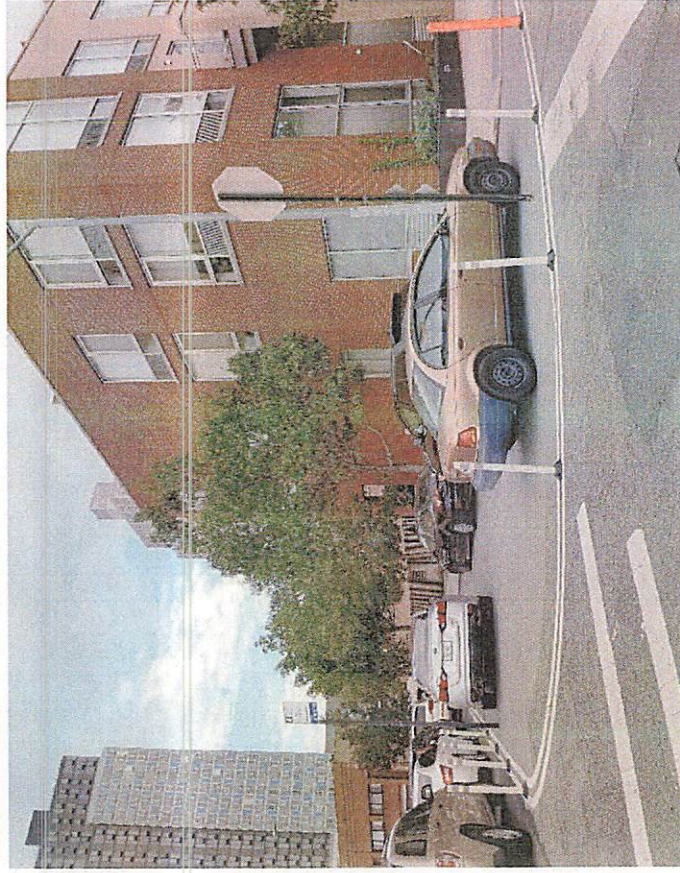
Completed Changes

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Completed Change: 5th Street at Borden Avenue

Before:

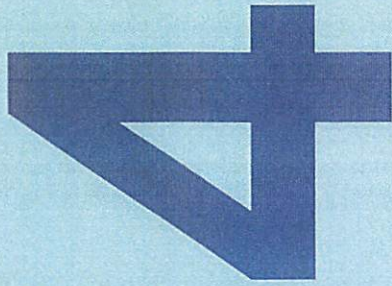
Illegally parked vehicles in painted neck-down.



After:

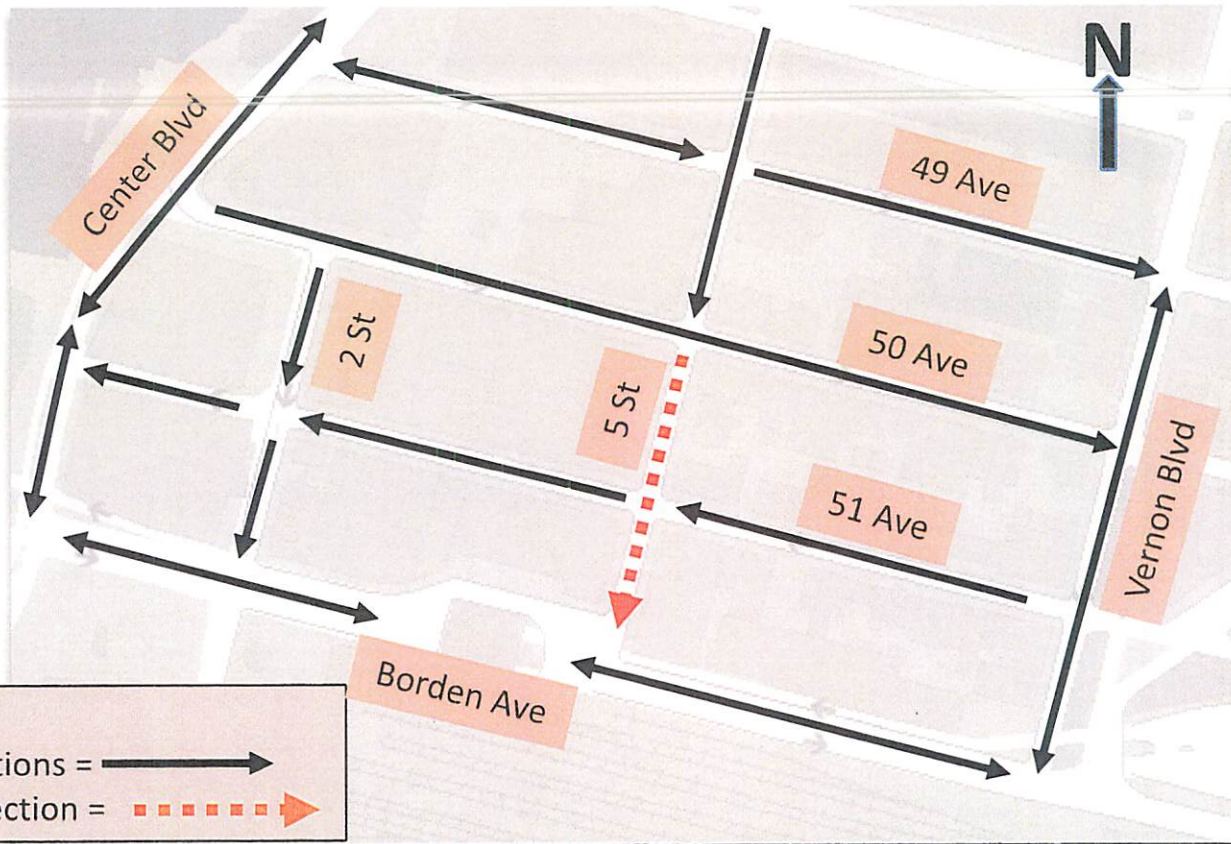
Bike corral installed to discourage illegal parking.



Proposed Changes



Proposed Street Conversion

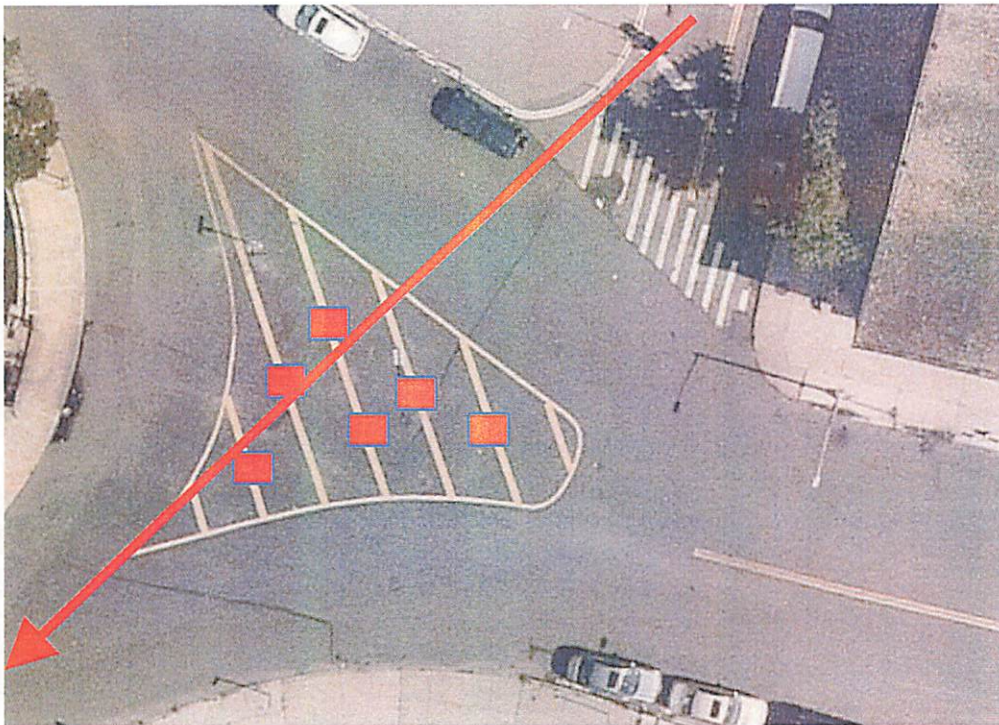
- ❑ Convert 5th Street to one-way southbound operation from 50th Avenue to Borden Avenue:
 - Reduced vehicle-vehicle and vehicle-pedestrian conflict points at 50th Avenue, 51st Avenue and Borden Avenue.
 - Eliminate opposing-direction vehicle conflicts and sideswipe crashes resulting from two-way traffic.



Legend:
Existing Street Directions = 
Proposed Street Direction = 

Proposed Intersection Improvement

- ❑ Coordinate with NYPD and MTA Bridges and Tunnels to remove illegally parked vehicles in channelized area at 5th Street and Borden Avenue intersection.
- ❑ Install granite blocks to prevent vehicles from parking in the channelized area.
 - Increased sight line toward eastbound traffic on Borden Avenue, approaching 5th Street, will enhance safety for all roadway users.



Granite Block = 

Improved sight line = 

Thank You!

Questions?

