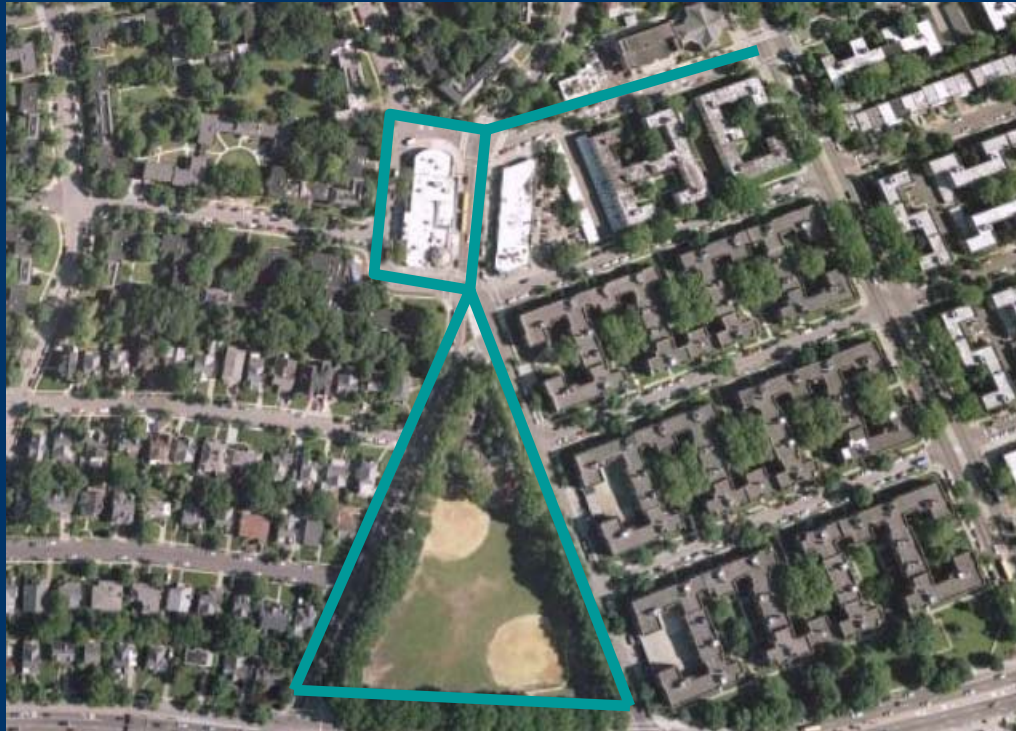




# Vleigh Place – Kew Gardens Hills Pedestrian Enhancements

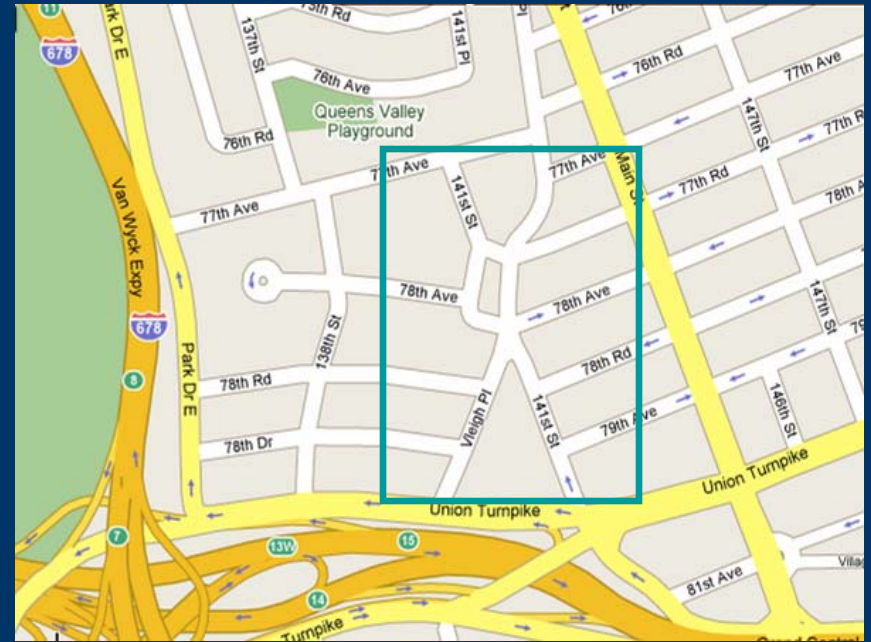
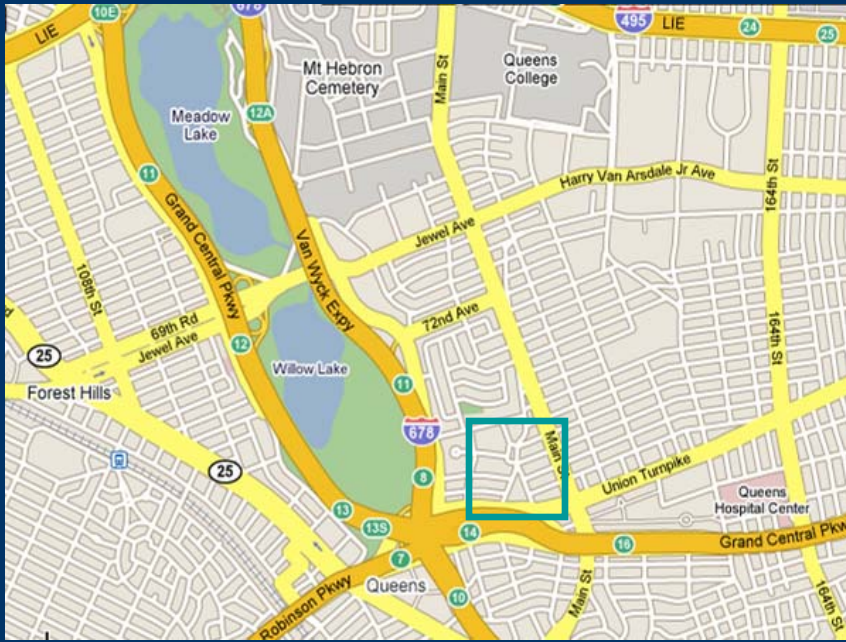


Project Overview  
September 2007

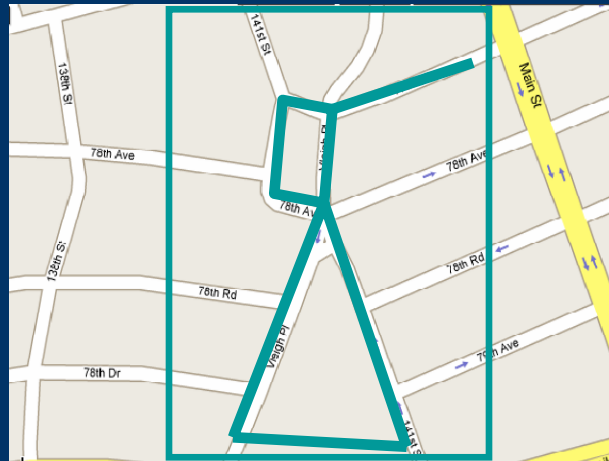




# Project Location



- Queens
- Kew Gardens Hills
- Community Board 8
- 25<sup>th</sup> School District

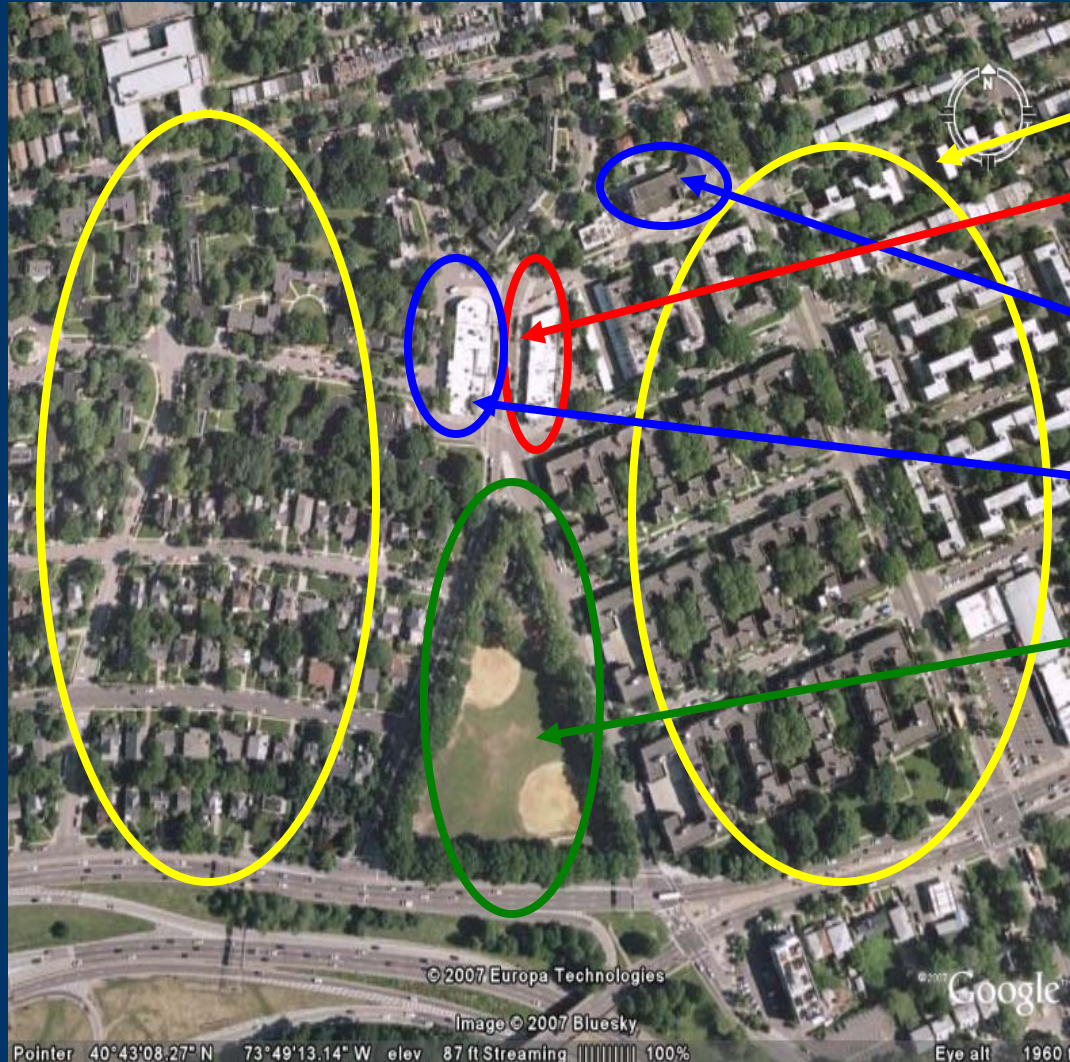


- 77<sup>th</sup> Road
- Vleigh Place
- 141<sup>st</sup> Street
- 78<sup>th</sup> Avenue

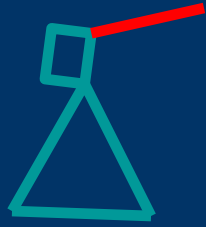




# Demographics



- Mostly Residential
- Small Commercial Strip
- Two Schools
  - North Queens Community H.S.
  - Stepping Stone Day School
- Large Park
  - Ball Fields
  - Playground
- Moderate Traffic



# Current Conditions – 77<sup>th</sup> Rd

- Queen of Peace Church
- North Queens Comm. H.S.
- 150 Students, MTA Bused
- No Parking in Front of School While in Session

**Speed Humps**



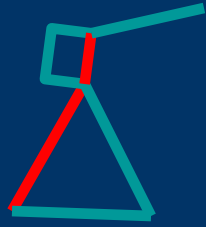
**Play Street –  
Not Adhered To**



**Narrow – Natural  
Traffic Calming**







# Current Conditions – Vleigh Pl

- Small but Busy Commercial Strip
- Stepping Stone Day School
- 200 Pre-Schoolers Privately Bused
- No Parking in Front of School While in Session

**Metered Parking**

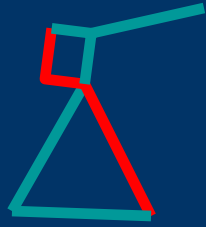


**Misaligned  
Pedestrian Ramp**



**Small Traffic  
Island**





# Current Conditions – 141<sup>st</sup> St

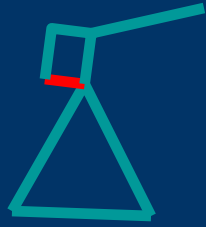
- Lined with Residential Properties
- Thru Street to/from Union Turnpike
  - Wide and Fast in Places
- Multiple Curb Cuts for Loading Bays and Garages



**Large and  
Uncontrolled  
Intersection**

**Only One  
Crossing to Park**





# Current Conditions – 78<sup>th</sup> Ave

- Thru Street to/from Main Street
  - Narrow
  - Lined with Residential Properties



**Long Crossing**

**Large and  
Uncontrolled  
Intersection**







# Problem Areas

Misaligned Pedestrian Ramp at 141<sup>st</sup> and Vleigh

Small Center Island at 78<sup>th</sup> and Vleigh

Large Uncontrolled Intersection at 141<sup>st</sup> and 77<sup>th</sup> Road

Long Crossing Distance at 77<sup>th</sup> Road







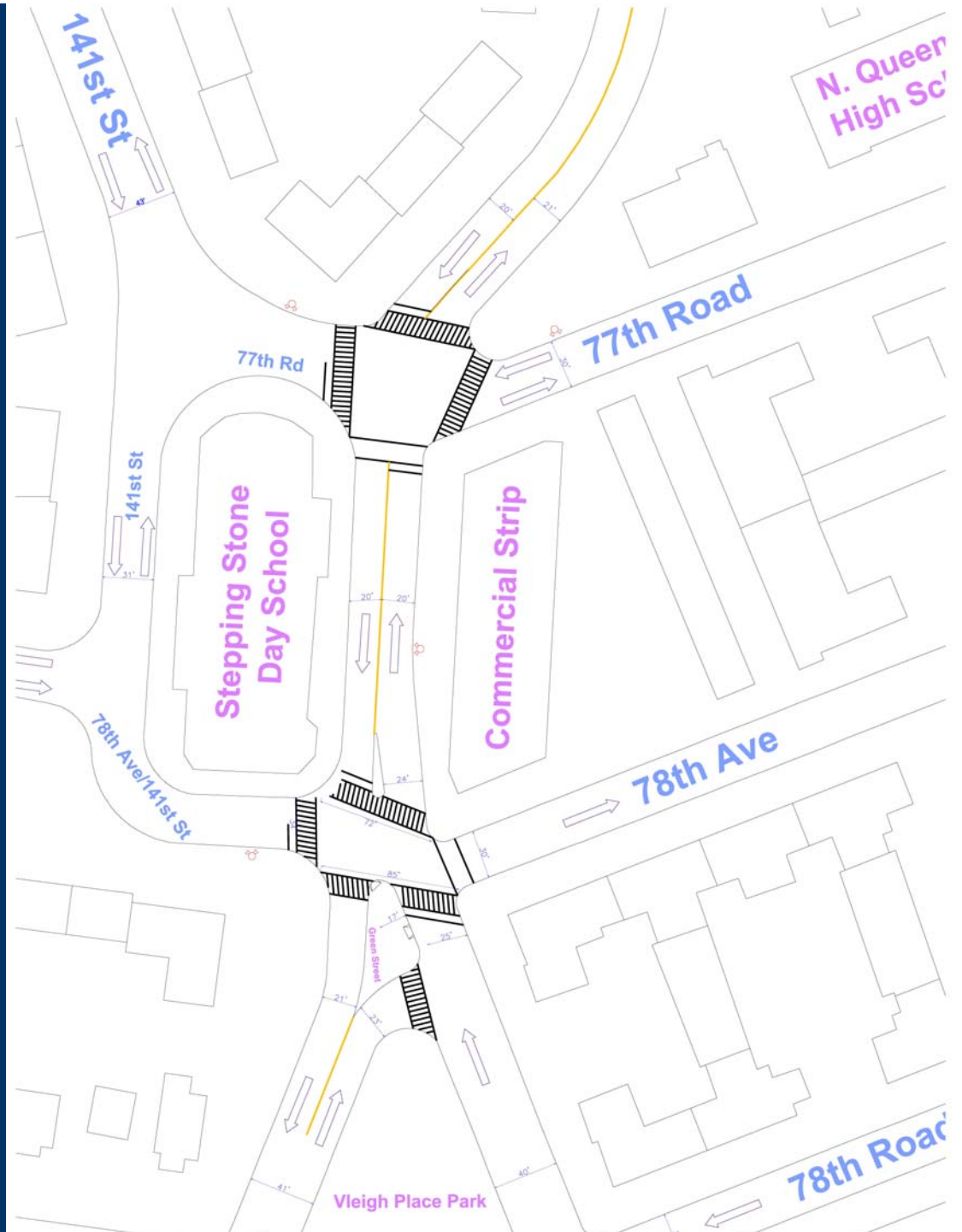
# Goals

Create a Safer Pedestrian Environment by:

1. Shortening crosswalks
2. Calming traffic

Enhance the community by:

1. Making better use of underutilized roadbed
2. Creating useable public open space





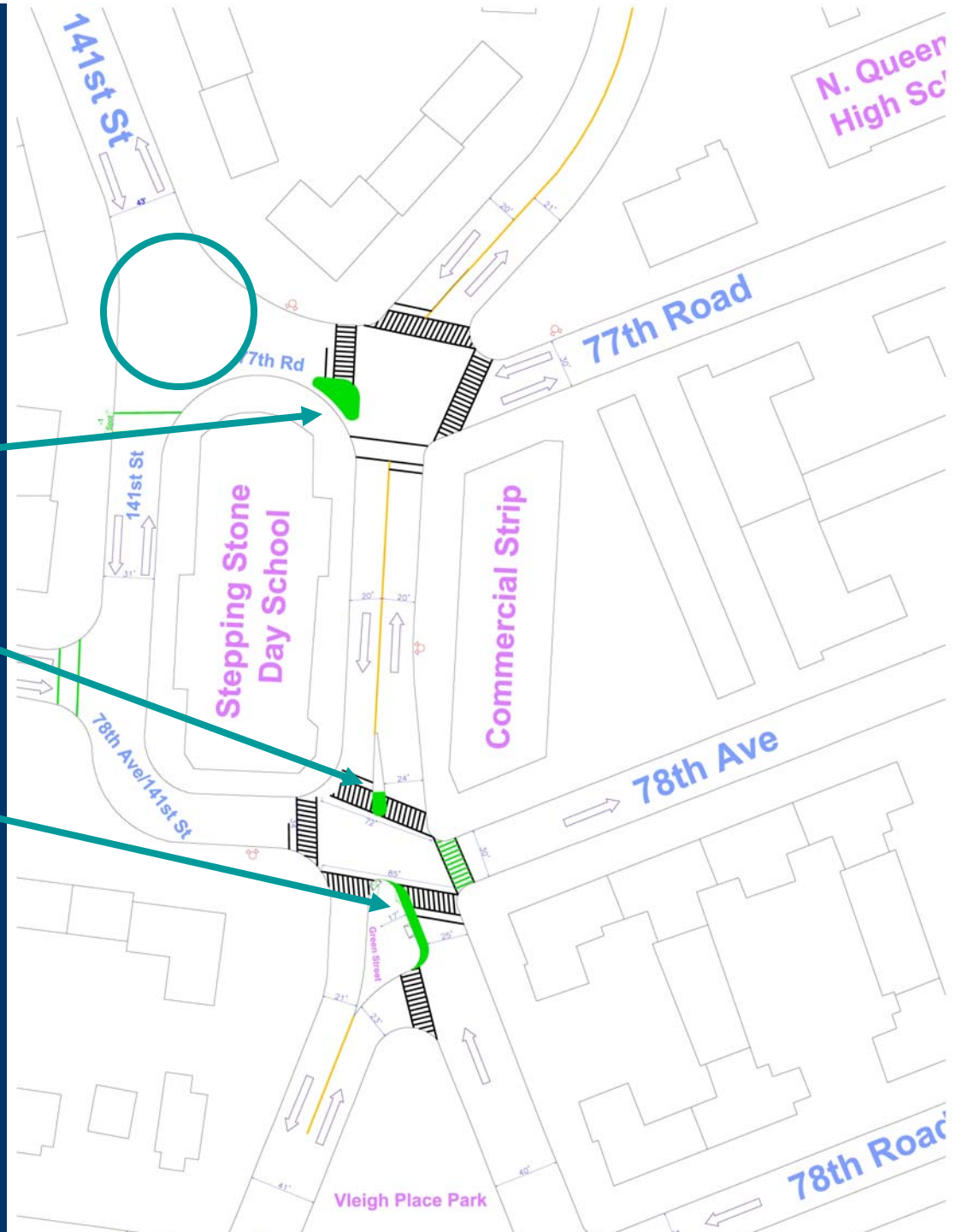
# Suggested Changes

Create Island at 77<sup>th</sup> Road and Vleigh Place

Replace and Enlarge Disintegrating Crossing Island

Expand Green Streets Island and Realign Pedestrian Ramp

Create New Traffic Pattern at 141<sup>st</sup> Street and 77<sup>th</sup> Road (Three Options)





# Option 1

Close redundant street for potential playground or park:

More Parking

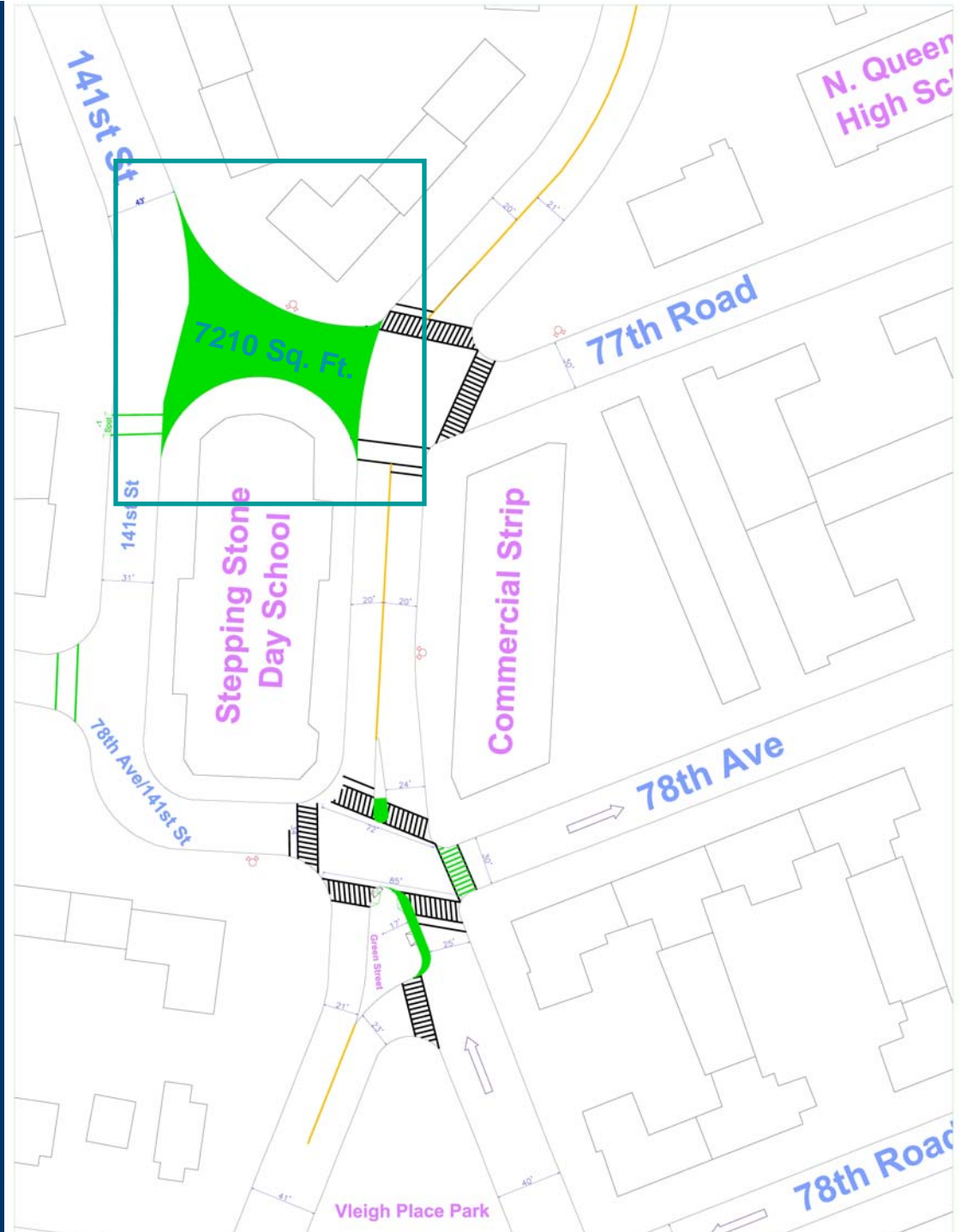
School Play Space

Community Gathering Place

Will not Dramatically Change Traffic Flow

Fewer Turning Conflicts with Pedestrians

Re-Route Class 3 Bicycle Route







## Option 2

Create traffic circle at  
77<sup>th</sup> Rd & 141<sup>st</sup> St:

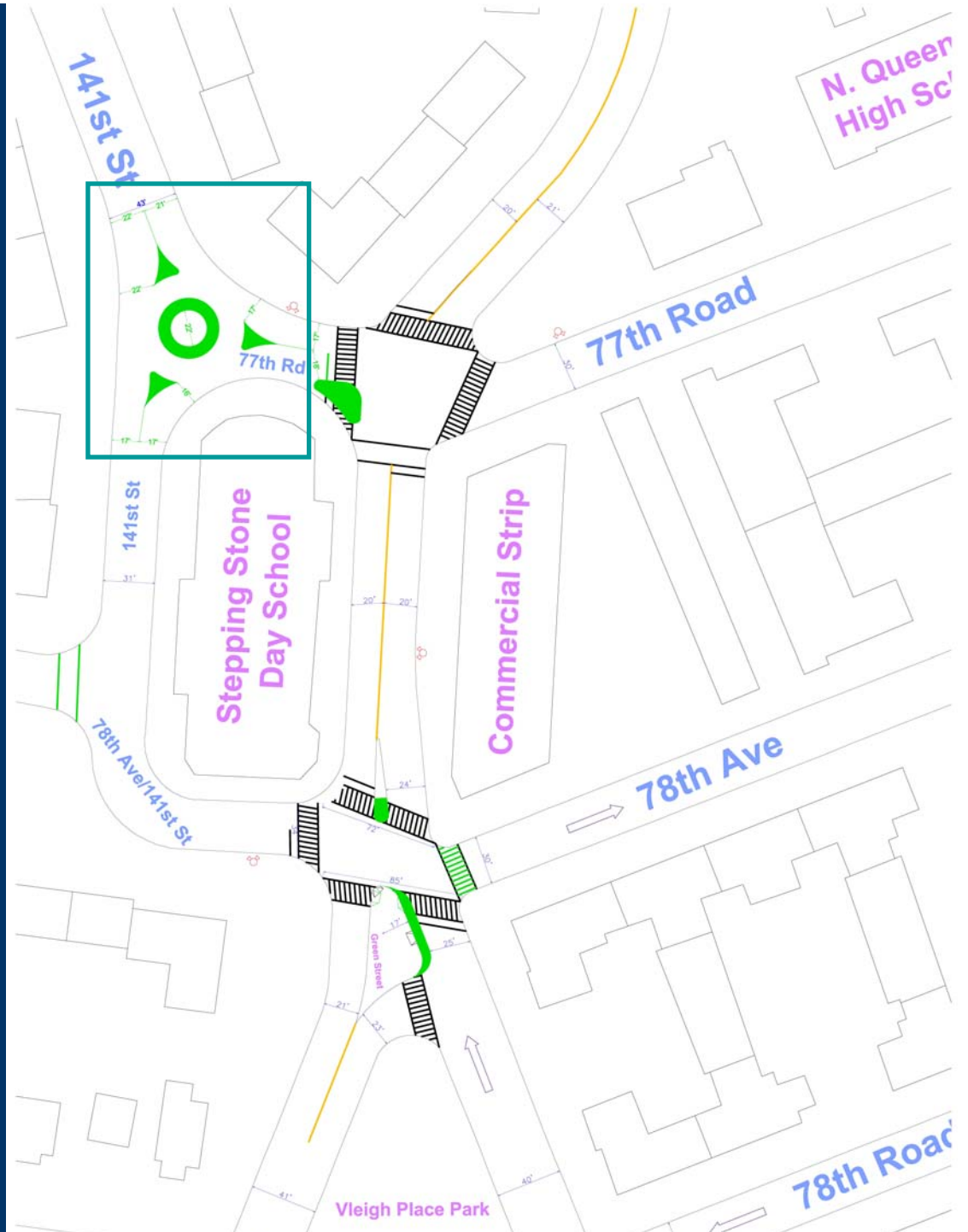
Directs Traffic

Increased Safety

Slows Traffic

Potential Green Street

May Lose Some Parking





## Option 3

Close 78<sup>th</sup> Ave  
between Vleigh and  
141<sup>st</sup> St:

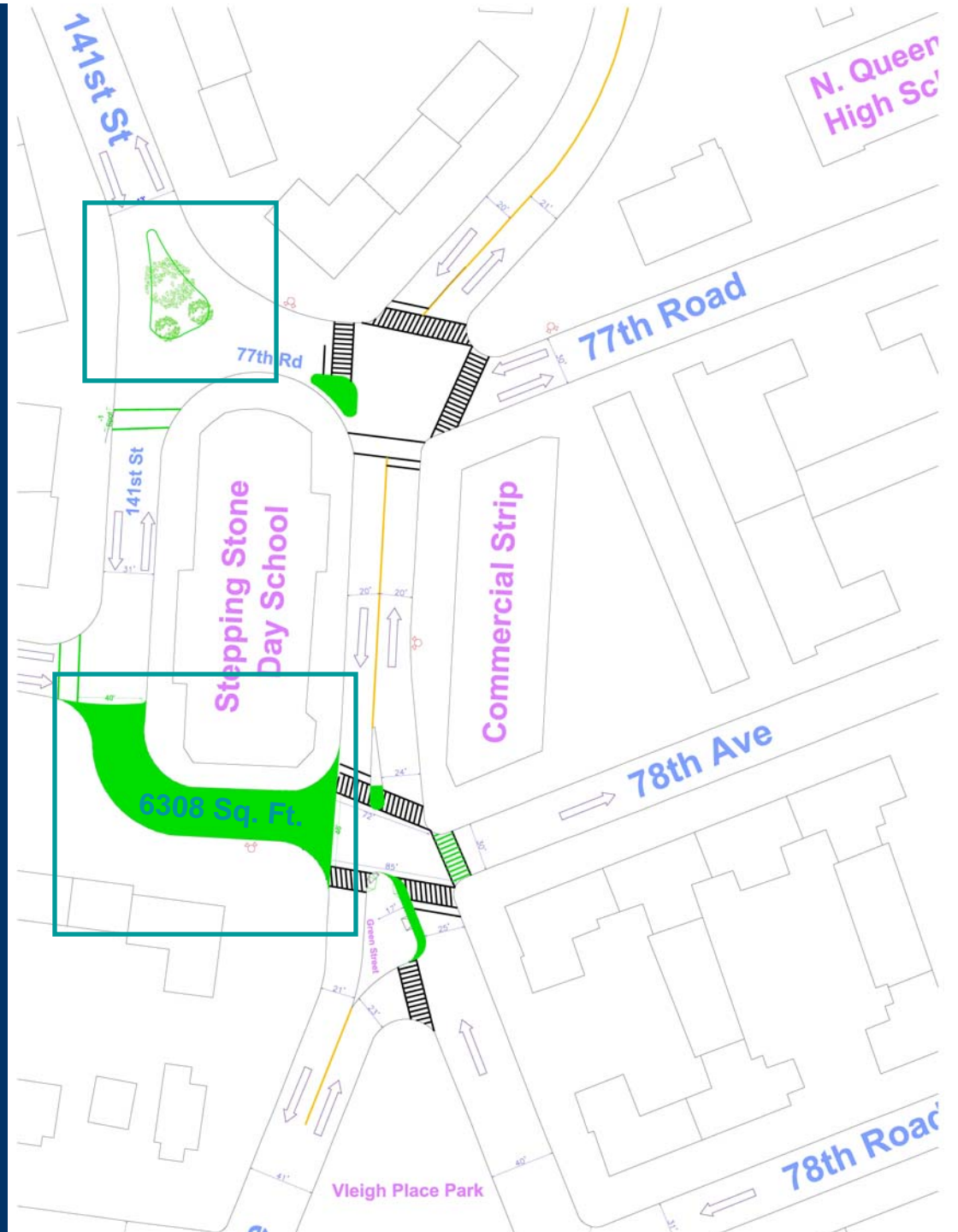
Creates Public Plaza

More Parking

School Play Space

Fewer Turning Conflicts with  
Pedestrians

Safer Walk to Park from Day  
School





## Traffic Calm on 141<sup>st</sup> Street:

## Street is Fast due to Large Width

## Thru Route from Union Turnpike

## Heavy Residential Area

## Goals:

## Reduce Width of Travel Lane

## Keep Installation Costs Low

## Easy to Implement

## Method:

## Add Two Landscaped Islands

## Add Solid White Line to Direct Traffic but Allow Parking

