

Welcome

Town of East Greenbush / Town of North Greenbush / CDTC
US Route 4 Corridor Study
Study Advisory Committee (SAC)
Meeting #2
Wednesday, October 26, 2022
East Greenbush Town Hall



Agenda

- 1. Welcome and Introductions**
- 2. Existing Conditions Overview**
- 3. Next Steps**
- 4. Corridor Caravan Overview**



Welcome

Project Sponsors

Town of East Greenbush / Town of North Greenbush / CDTC

Consultant

MJ Engineering & Land Surveying, P.C.

Study Advisory Committee

Anna Feltham (Town of East Greenbush)

Chaim Simon (CDTC)

Chris Bauer (CDTC)

Dan Fiacco (Town of East Greenbush)

Ethan Warren (CDTA)

Greg Wichser (NYSDOT Region 1)

Jack Conway (Town of East Greenbush)

Kelley Kircher (NYSDOT Region 1)

Linda von der Heide (Rensselaer County)

Mark Saunders (NYSDOT Rensselaer County Residency)

Martin Daley (CDRPC)

Michael Chaires (Town of North Greenbush)

Mike Brown (Town of East Greenbush)

Joe Bott (Town of North Greenbush)



Project Update

KEY MILESTONES:

Notes:

- Task 3 – Public Input occurs throughout effort
- Five SAC Meetings at key milestones



Agenda

1. Welcome and Introductions

2. Existing Conditions Overview

3. Next Steps

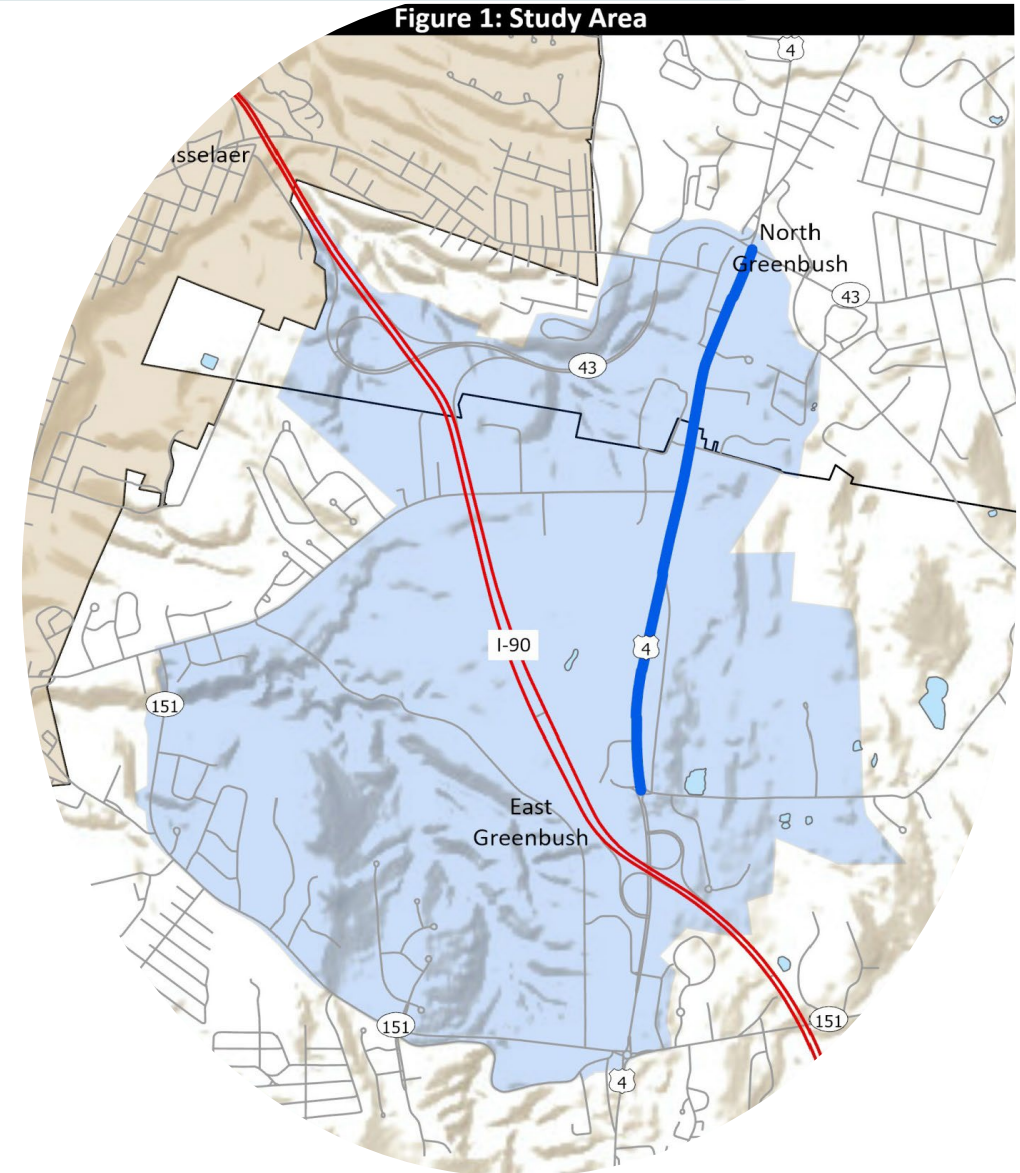
4. Corridor Caravan Overview



Existing Conditions Overview

Introduction/Background

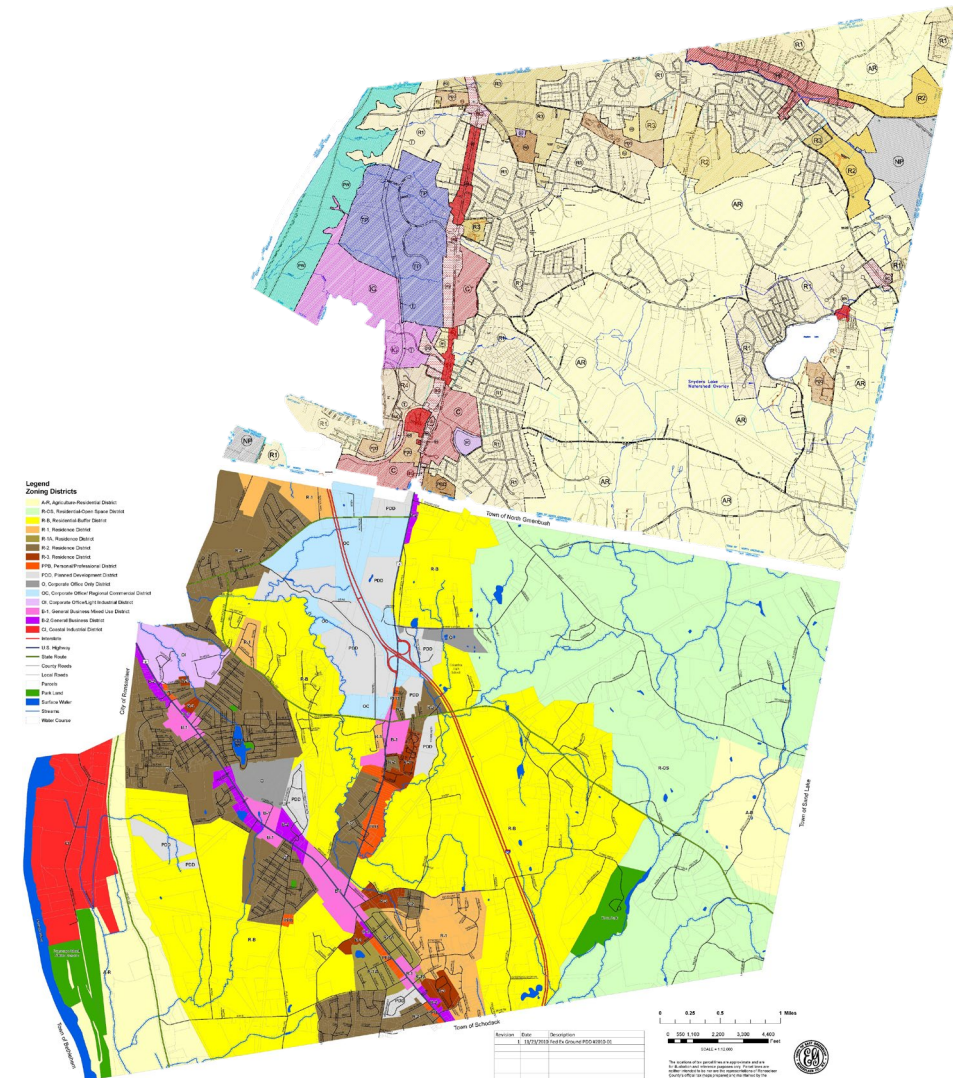
- Identifies the Study Area
- Highlights of Existing Conditions Memo
 - Land Use & Zoning
 - Pedestrian Accommodations
 - Traffic Data/Crash History
 - Traffic Conditions
- Previous Plans/Relevant Documents



Existing Conditions Overview

Land Use Vs. Zoning

Land use and zoning differ in that land use describes what the land is currently being used for, while zoning describes the types of land uses that are allowed as established by local zoning laws. Land use and zoning are a direct reflection of the community character that exists today.



Existing Conditions Overview

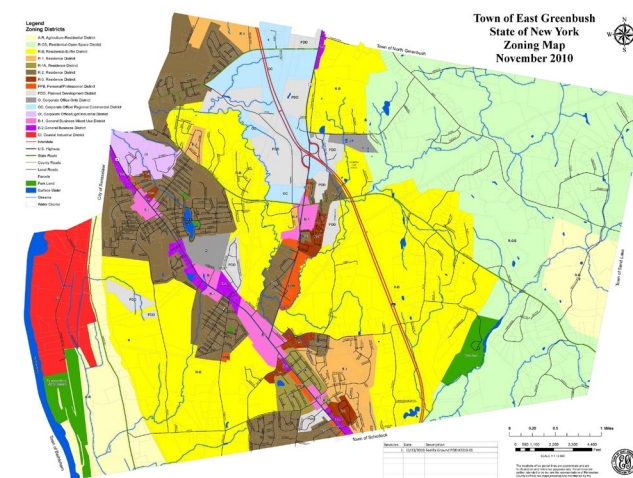
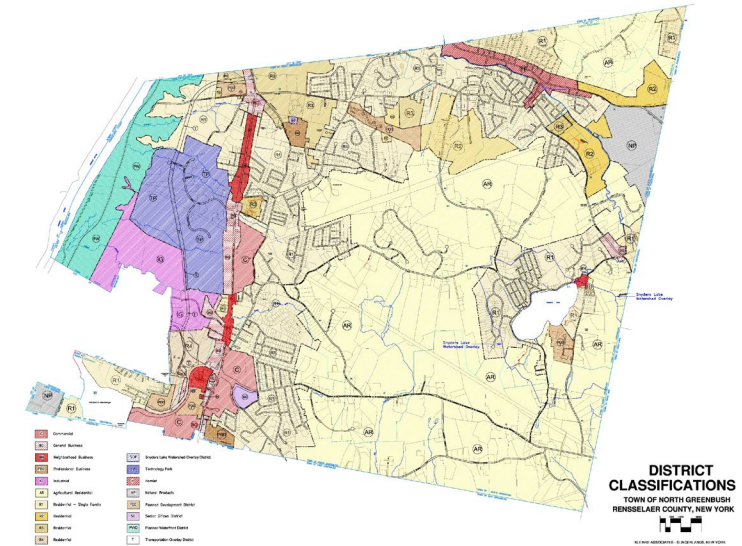
Zoning

North Greenbush

- C, Commercial
- BG, General Business
- BN, Neighborhood Business
- PBD Professional Business
- PDD Planned Development District

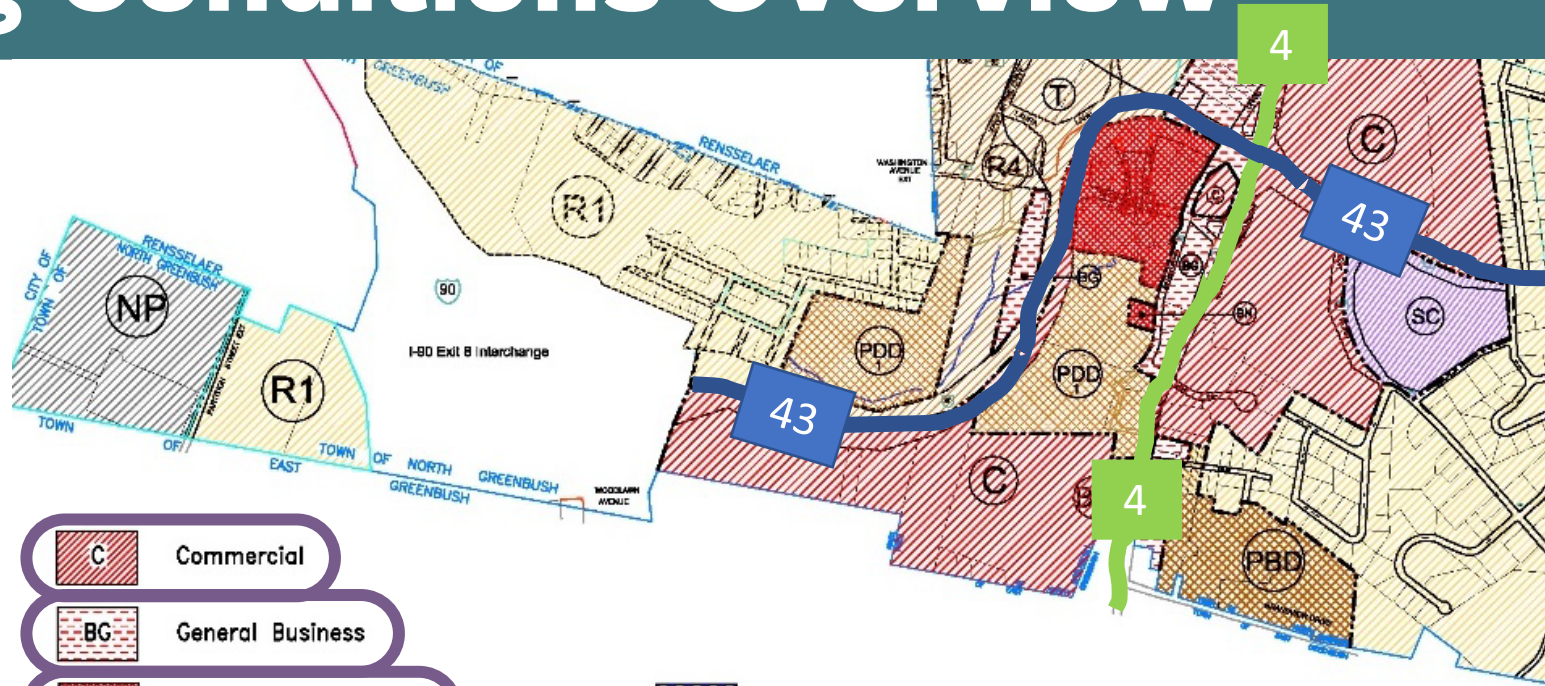
East Greenbush (Existing)

- R-B, Residential-Buffer District
- PDD, Planned Development District
- O, Corporate Office Only District
- OC, Corporate Office/ Regional Commercial District



Existing Conditions Overview

North Greenbush



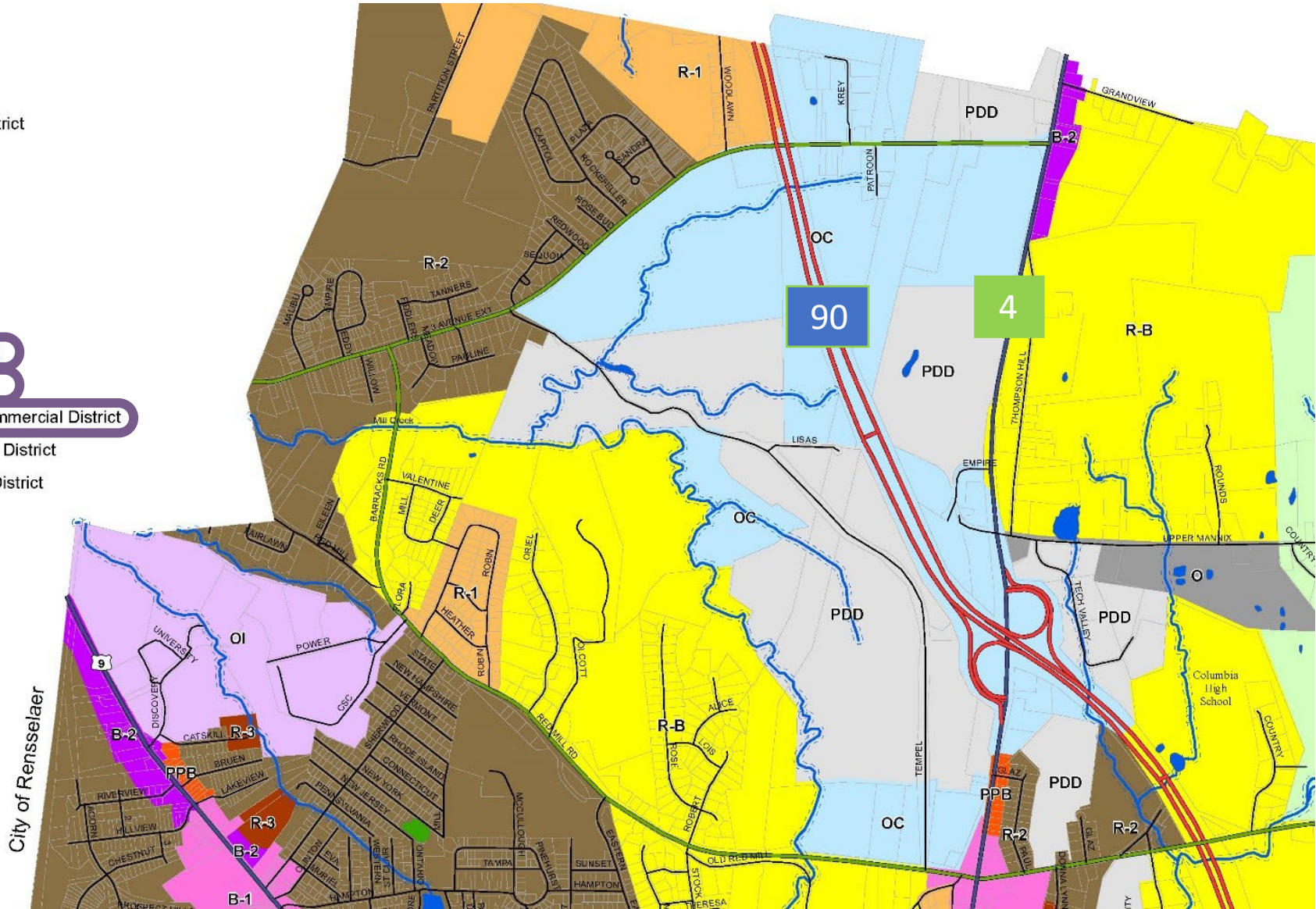
	Commercial		Snyder's Lake Watershed Overlay District
	General Business		Technology Park
	Neighborhood Business		Hamlet
	Professional Business		Natural Products
	Industrial		Planned Development District
	Agricultural Residential		Senior Citizen District
	Residential - Single Family		Planned Waterfront District
	Residential		Transportation Overlay District
	Residential		
	Residential		

Existing Conditions Overview

East Greenbush

Legend Zoning Districts

- A-R, Agriculture-Residential District
- R-OS, Residential-Open Space District
- R-B, Residential-Buffer District
- R-1, Residence District
- R-1A, Residence District
- R-2, Residence District
- R-3, Residence District
- PPB, Personal/Professional District
- PDD, Planned Development District
- O, Corporate Office Only District
- OC, Corporate Office/ Regional Commercial District
- OI, Corporate Office/Light Industrial District
- B-1, General Business Mixed Use District
- B-2, General Business District
- CI, Coastal Industrial District
- Interstate
- U.S. Highway
- State Route
- County Roads
- Local Roads
- Parcels
- Park Land
- Surface Water
- Streams
- Water Course



Existing Conditions Overview

Pedestrian Accommodations

- Sidewalks and Crosswalks
 - Concrete sidewalks are available along parts of Rt 4
 - Striped pedestrian crosswalks are available at various locations
- In general, the study area has limited to no pedestrian amenities, such as street trees, benches, trash receptacles, or pedestrian lighting



Existing Conditions Overview

Traffic Data / Crash History - Corridor

- Most recent five years of available data June 6, 2017 to May 30, 2022
- During this five-year period, 428 crashes were recorded.
- The data received was for the roadway, connecting roads, and intersections along the US Route 4 corridor.

Collision Type Summary	
Collision Category Type	Quantity
Head On	6
Left Turn (Against Other Car)	8
Overtaking	30
Rear End	205
Right Angle	71
Right Turn (Against Other Car)	2
Right Turn (With Other Car)	1
Sideswipe	9
Unknown	1
Other	95
Total	428

Collision Type Summary	
Collision Type	Quantity
Collision with Animal	13
Collision with Bicyclist	1
Collision with Motor Vehicle	394
Collision with Pedestrian	3
Collision with Fixed Object	14
Overtaken	2
Collision with Other	1
Total	428

Crash Severity Summary	
Crash Severity Type	Quantity
Property Damage	335
Injury	93
Fatality	0
Total	428

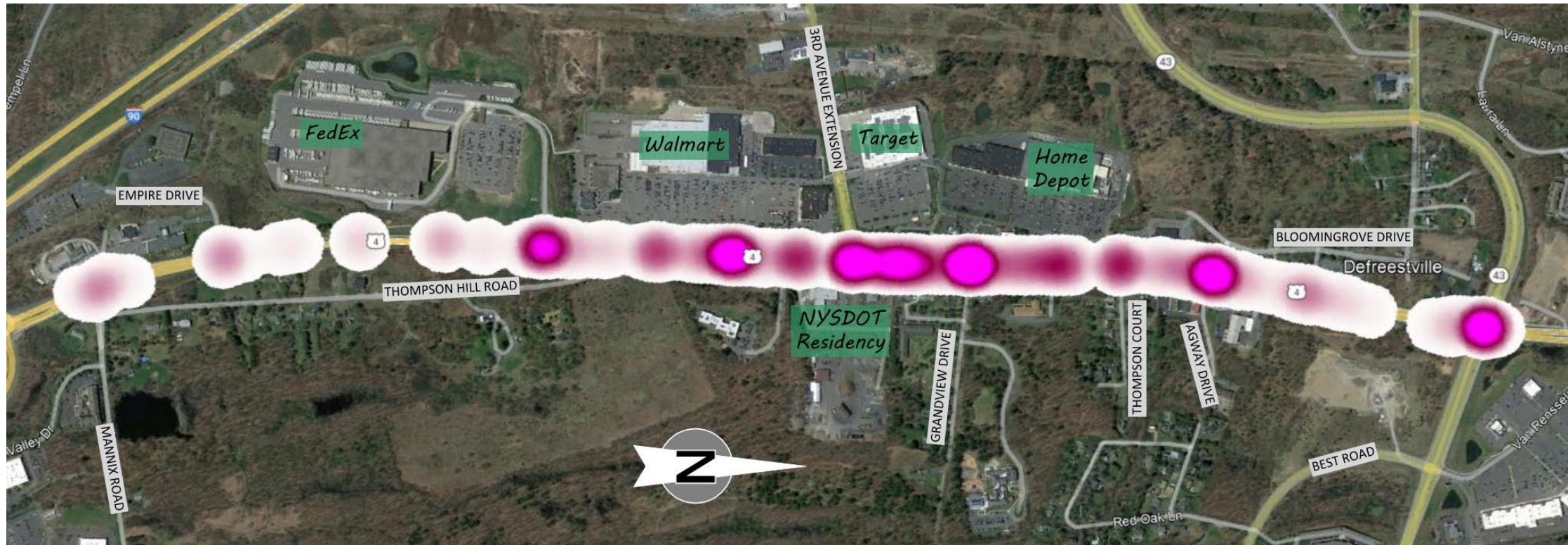
Existing Conditions Overview

Traffic Data / Crash History

➤ Heat Map

LEGEND

Sparse



Dense



Existing Conditions Overview

Traffic Data / Crash History - Intersections

- Most recent five years of available data June 6, 2017 to May 30, 2022
- During this five-year period, 237 of 428 crashes occurred at intersections.

Collision Type Summary	
Intersecting Roadway	Quantity
Mannix Road	2
Empire Drive	4
Thompson Hill Road	11
North Greenbush Square & Rensselaer County Plaza (Walmart Plaza)	73
3 rd Avenue Extension	49
Grandview Drive & Greenbush Commons (Home Depot/Target Plaza)	24
Thompson Court	10
Bloomingrove Drive & Agway Drive (Stewart's/CVS)	27
NY Route 43	37
Total	237

Existing Conditions Overview



Existing Conditions Overview

Traffic Volumes

- Traffic volumes were collected using Automatic Traffic Recorders (ATRs) and turning movement counts (TMCs)
- Two ATRs collect 24-hour traffic volumes
 - ❖ Three days between Tuesday April 5 to Thursday April 7, 2022
 - ❖ Obtain Average annual daily traffic (AADT)
- The locations of the ATRs:
 - ❖ Between I-90 Exit 9 and 3rd Ave. Ext.
 - ❖ AADT = 15,304
 - ❖ Between 3rd Ave. Ext. NY Route 43
 - ❖ AADT = 18,917
- TMCs collected at five (5) intersections
 - ❖ Intersection No. 1: NY Route 43
 - ❖ Intersection No. 2: Bloomingrove Drive and Agway Drive
 - ❖ Intersection No. 3: Grandview Drive/Plaza
 - ❖ Intersection No. 4: 3rd Avenue Extension
 - ❖ Intersection No. 5: Rensselaer County Plaza Driveway
- Midday – 11:30 am – 1:00 pm
- PM – 3:00 – 5:00 pm
- Intersections 1, 2, 3, and 5
 - ❖ TMCs on Tuesday, May 24, 2022
- Intersection 4
 - ❖ TMCs on Wednesday, June 1, 2022

Existing Conditions Overview

Existing Traffic Conditions

- Five (5) signalized intersections along the Route 4 Corridor between NY Route 43 and Mannix Road.
 - ❖ Intersection No. 1: NY Route 43
 - ❖ Intersection No. 2: Bloomingrove Drive and Agway Drive
 - ❖ Intersection No. 3: Grandview Drive
 - ❖ Intersection No. 4: 3rd Avenue Extension
 - ❖ Intersection No. 5: Rensselaer County Plaza Driveway

Intersection Level of Service (LOS) Ranges

Level of Service	Unsignalized Intersection Delay (sec/veh)	Signalized Intersection Delay (sec/veh)	Description
A	≤ 10	≤ 10	Excellent
B	> 10 & ≤ 15	> 10 & ≤ 20	Very Good
C	> 15 & ≤ 25	> 20 & ≤ 35	Good
D	> 25 & ≤ 35	> 35 & ≤ 55	Acceptable
E	> 35 & ≤ 50	> 55 & ≤ 80	Poor
F	> 50	> 80	Failing

Overall Intersection LOS

Location	2022 Study (MIDDAY / PM Peak)
Intersection No. 1	D (51.2) / F (246)
Intersection No. 2	D (39.5) / E (56.5)
Intersection No. 3	E (62.6) / D (44.5)
Intersection No. 4	D (51.2) / C (27.9)
Intersection No. 5	C (23.1) / B (14.3)

Existing Conditions Overview

Existing Traffic Conditions



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Next Steps

- DRAFT Existing Conditions Memo
- Discussion of Public Engagement #1
 - Online Survey
 - Focus Group Meetings
- Project website now live @ NYRoute4Study.com
- SAC #3 TBD



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Corridor Caravan Overview

Itinerary

1. Thompson Hill Road

Start at the southern end and travel north to Route 4 with a quick stop at the top of the hill.

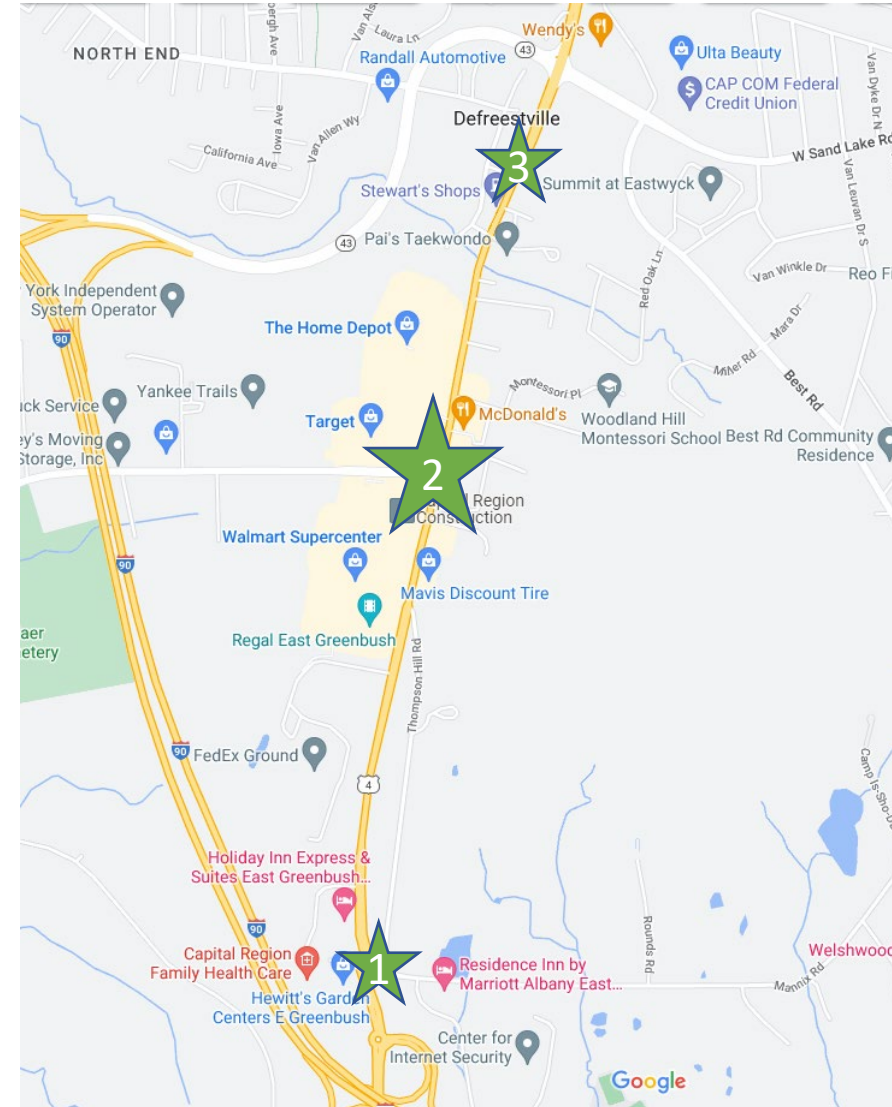
2. Park at Target

Points of Interest:

- 3rd Ave Extension intersection
- Dunkin'/Starbucks intersection
- Walmart intersection

3. Park at the Park & Ride

View northern end of the study area





**Thank
you!**