TranSystems

EXPERIENCE | Transportation

Public Meeting #3
April 30, 2019

CRCOG

CAPITOL REGION
COUNCIL OF GOVERNMENTS

TOWN OF EAST HARTFORD · CONNECTICUT ·
INCORPORATED 1783
CARPE DIEM

Introduction

- A Vibrant Future for Silver Lane!
  - CRCOG Transportation Study
  - Brownfields Area-Wide Redevelopment (BAR) Study
  - Working Cities Challenge

Meeting Outline

- Mayor’s Introduction
- Presentation
- Workshop (3 Stations)
- Wrap-up
- Q&A

Presentation Outline

- Introduction
- BAR Grant Study Recap
- Transportation Study
  - Future Traffic Conditions
  - Preliminary Alternatives
- Next Steps & Implementation

Introduction

Introduction

- Study Area

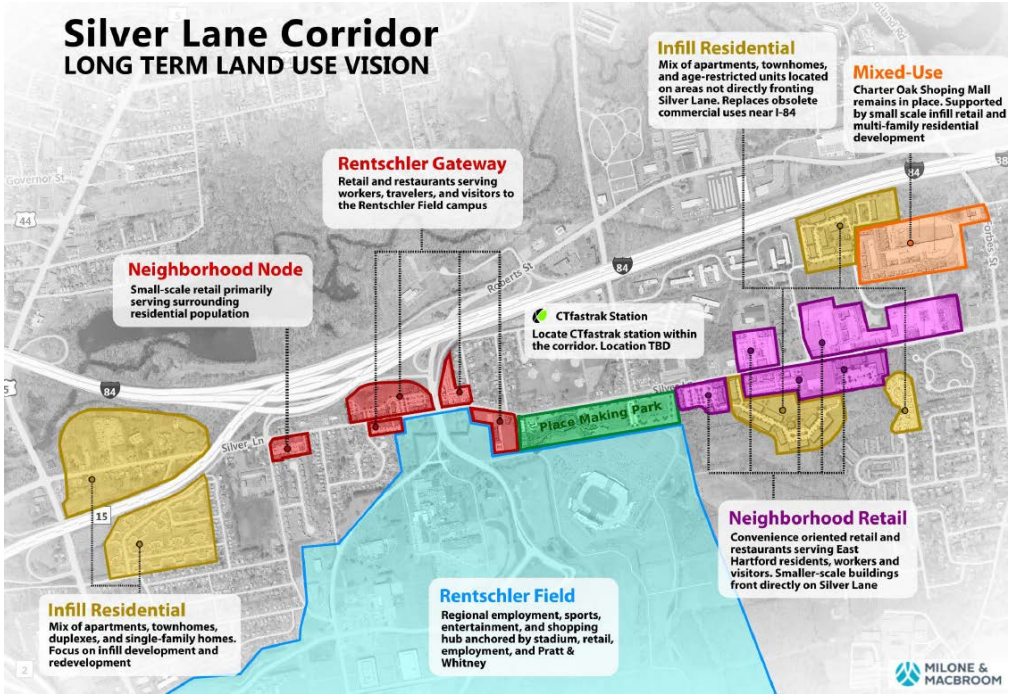
Public Outreach

- Prior Public Meetings
  - January 30, 2018
  - June 7, 2018
- Advisory Committee
- Stakeholder Meetings
- CTDOT Coordination

BAR Grant Study Recap

BAR Grant Study Findings

- Presented at prior public meetings
- Finalized and adopted by Town – Summer 2018



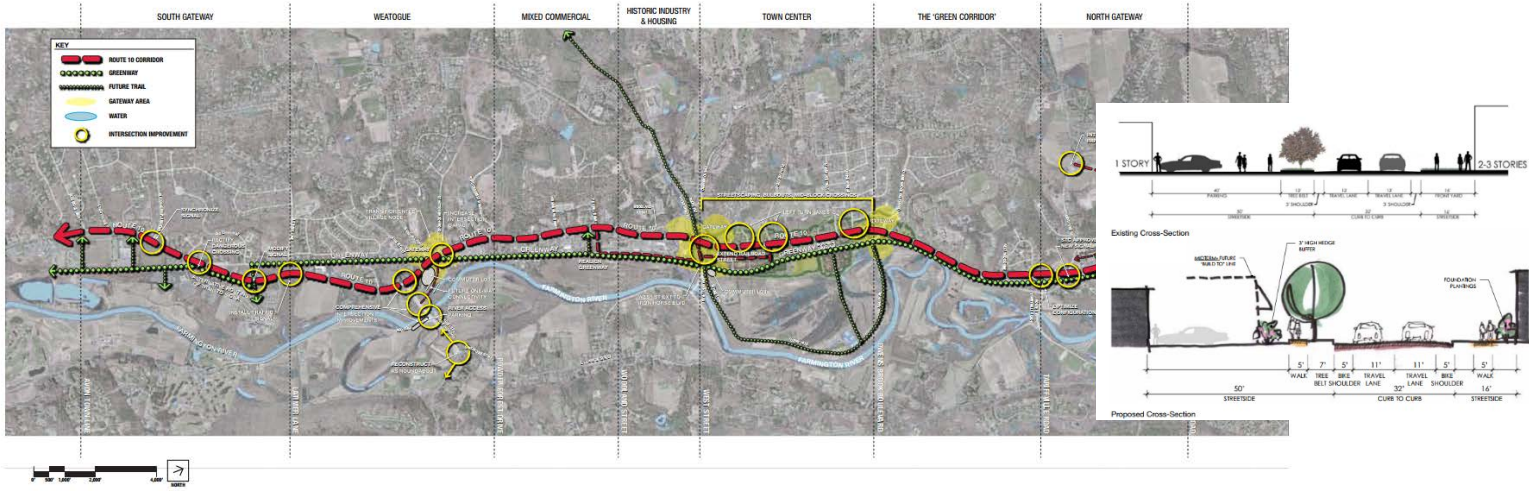
Vision Statement

Silver Lane is East Hartford's premiere **live, work, learn, play** neighborhood. The corridor offers a diversity of **well-paying jobs** and **housing opportunities**; a robust network of **transit** and **recreational** opportunities; easy **connections to Downtown** Hartford; and serves as a regional **shopping, sports and entertainment** destination.

Transportation Study

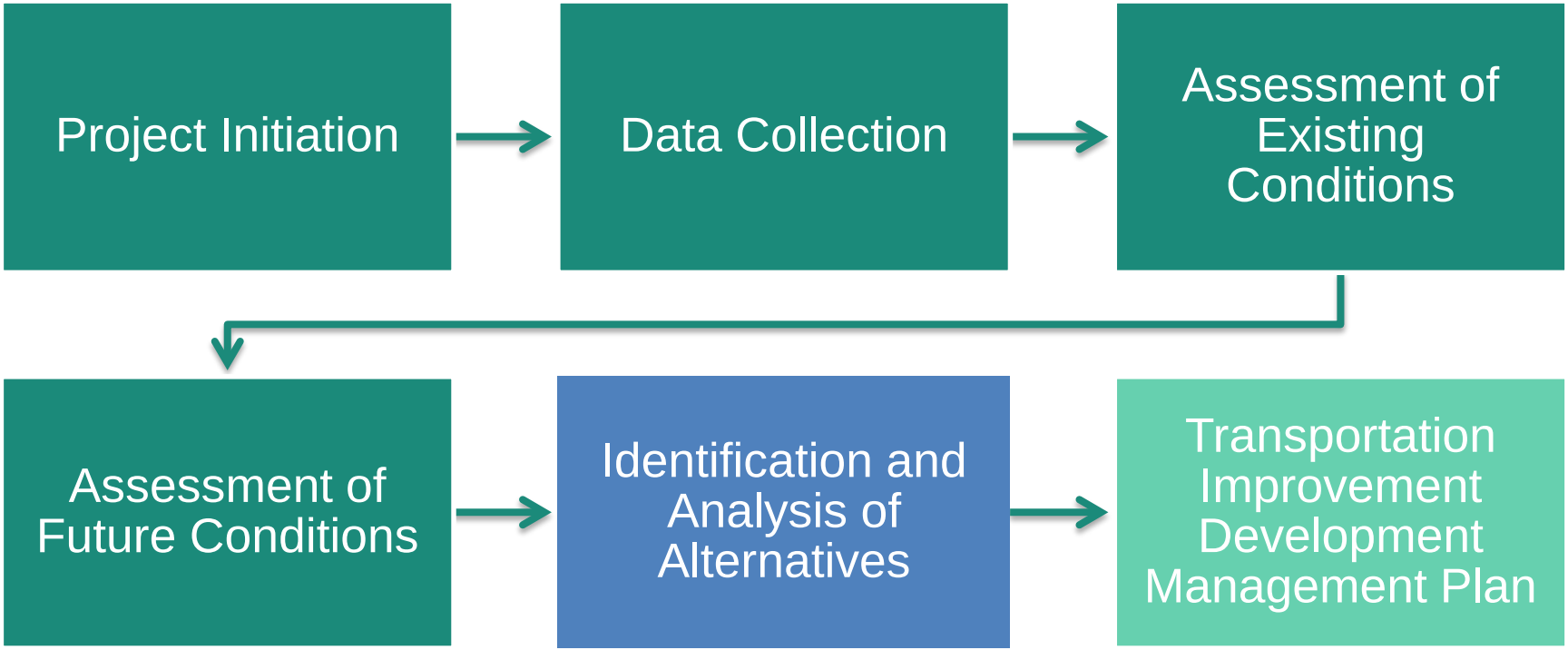
Introduction

- What is a corridor study?
  - A multi-modal planning process to prepare a master plan for a transportation corridor



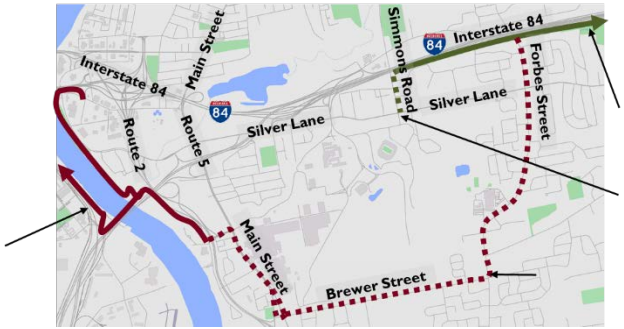
Corridor Master Plan

Study Process



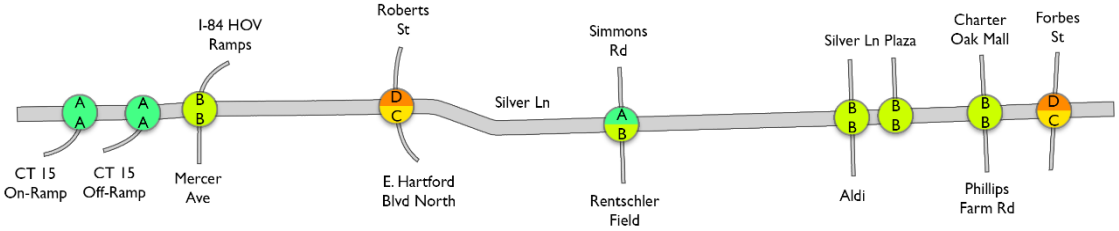
Summary of Existing Conditions

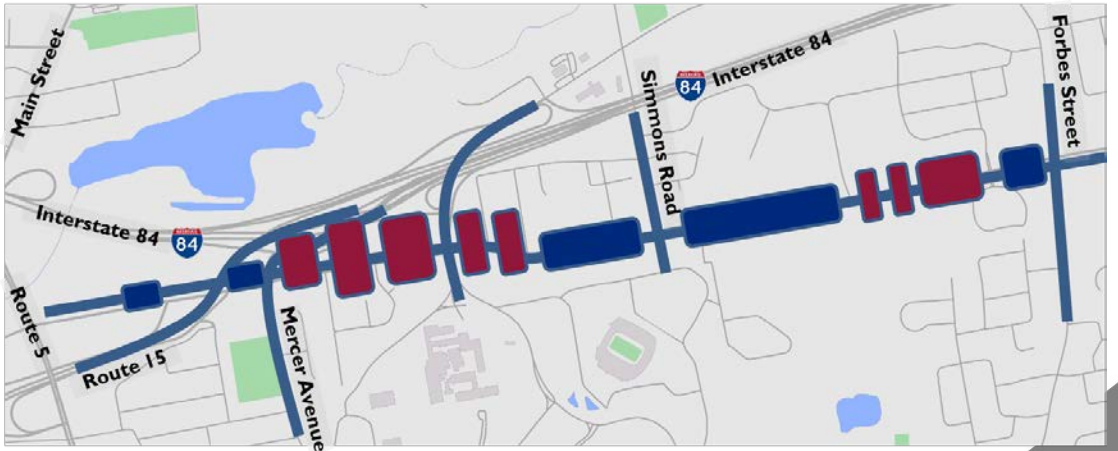
- Better multimodal accommodations needed
- Transit amenities
- Sidewalk gaps
- Bicycle facilities
- Multi-use trail connection



Summary of Existing Conditions

- Minor Arterial
- Acceptable traffic operations
- Crash rates elevated in certain corridors





Since we last met…

- Traffic forecasting
- Development of multimodal alternatives
- Ongoing public outreach

Traffic Forecasting 101

- No-Build & Build

Assumptions

- What do we think will happen?
- What do we want to make happen?

Develop Inputs

- How many people will live there?
- How many people will work there?

Traffic Forecast

- Uses background growth
- Adds new inputs
- Model output cross-referenced with existing counts

Expected Traffic Growth

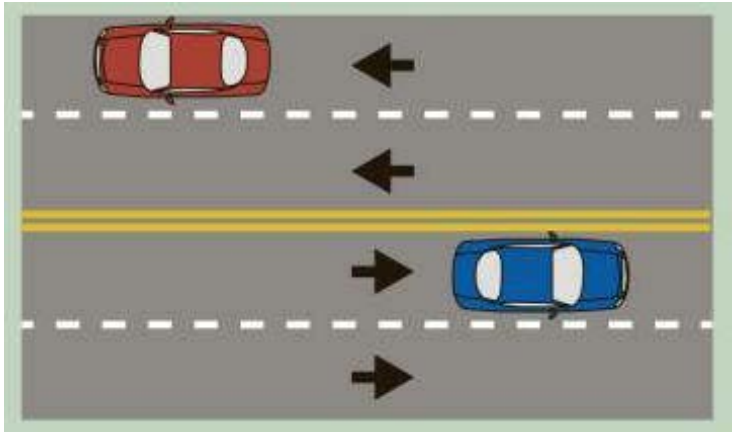
Description	Route 15 On-Ramp	Route 15 Off-Ramp	Mercer Ln/ HOV	Roberts St / Rentschler	Simmons Rd / Rentschler	Aldi / Silver Lane Plaza	Silver Lane Plaza	Charter Oak Mall / Phillips Farm	Forbes St
Base 1: PM	22%	22%	20%	20%	22%	28%	28%	76%	19%
Base 1: Saturday	22%	22%	20%	18%	21%	29%	28%	42%	19%
Base 2: PM	20%	25%	18%	18%	21%	27%	28%	78%	19%
Base 2: Saturday	19%	24%	18%	17%	21%	29%	28%	41%	19%
Build 1: PM	27%	27%	25%	26%	30%	**61%**	38%	**114%**	23%
Build 1: Saturday	26%	27%	24%	24%	30%	**72%**	37%	**80%**	23%
Build 2: PM	20%	28%	23%	25%	30%	**61%**	38%	**113%**	24%
Build 2: Saturday	19%	28%	23%	23%	30%	**71%**	37%	**79%**	24%

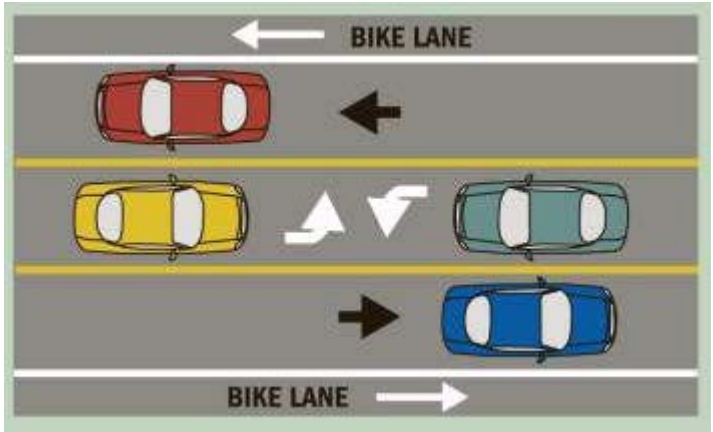
Analyze Future Operations

Description	Route 15 On-Ramp	Route 15 Off-Ramp	Mercer Ln/ HOV	Roberts St / Rentschler	Simmons Rd / Rentschler	Aldi / Silver Lane Plaza	Silver Lane Plaza	Charter Oak Mall / Phillips Farm	Forbes St
Base 1: PM	A	D*	B	D	B	B	B	B	D
Base 1: Saturday	A	A	B	C	B	B	B	C	C
Base 2: PM	A	E*	B	D	A	A	B	B	D
Base 2: Saturday	A	A	B	C	B	B	B	C	C
Build 1: PM	A	E*	C	D	B	B	A	C	D
Build 1: Saturday	A	A	B	C	B	B	C	C	C
Build 2: PM	A	E*	C	D*	A	B	A	C	D
Build 2: Saturday	A	A	B	C	B	B	B	C	C

Potential Road Diet

- Road Diet Concept
  - Provides extra shoulder and/or bike lane
  - Provides better space utilization for turning lanes





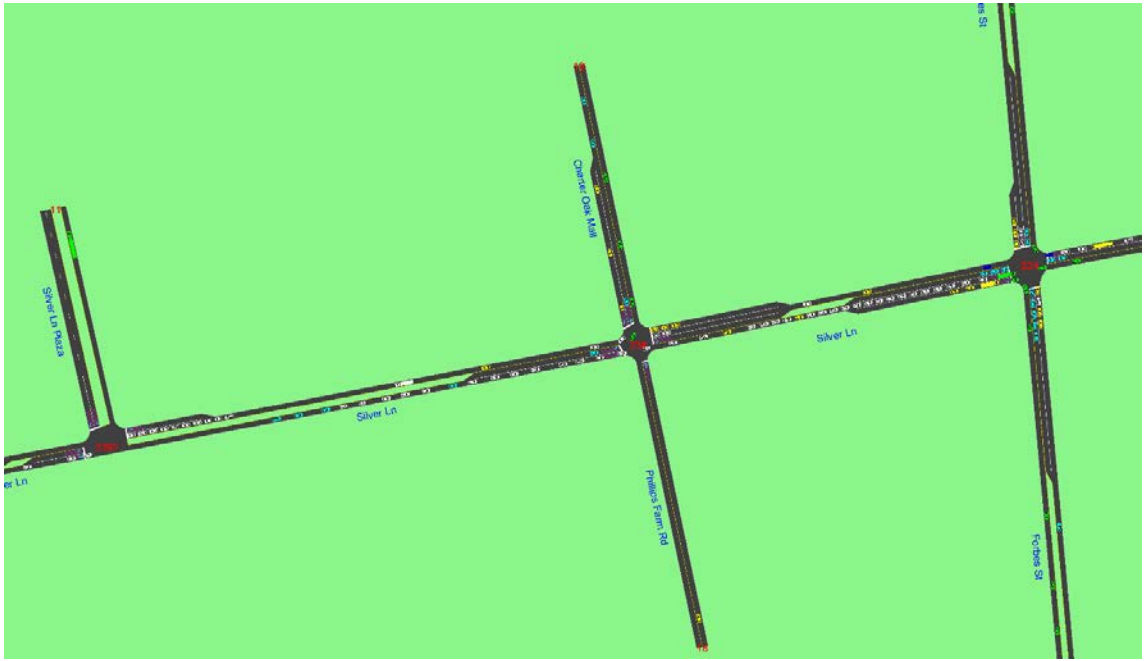
Future Operations with Road Diet

Description	Route 15 On-Ramp	Route 15 Off-Ramp	Mercer Ln/ HOV	Roberts St / Rentschler	Simmons Rd / Rentschler	Aldi / Silver Lane Plaza	Silver Lane Plaza	Charter Oak Mall / Phillips Farm	Forbes St
Base 1: PM	A	C	D	D	C	C	D	B	D
Base 1: Saturday	A	B	B	C	B	B	B	B	C
Base 2: PM	A	C	D	D	B	C	C	B	D
Base 2: Saturday	A	B	B	C	B	B	B	C	C
Build 1: PM	A	C	D	D	C	C	E	D	D
Build 1: Saturday	A	B	B	C	B	B	D	D	C
Build 2: PM	A	D	D	D	C	C	E	D	D
Build 2: Saturday	A	B	B	C	B	B	D	D	C

Future Volumes

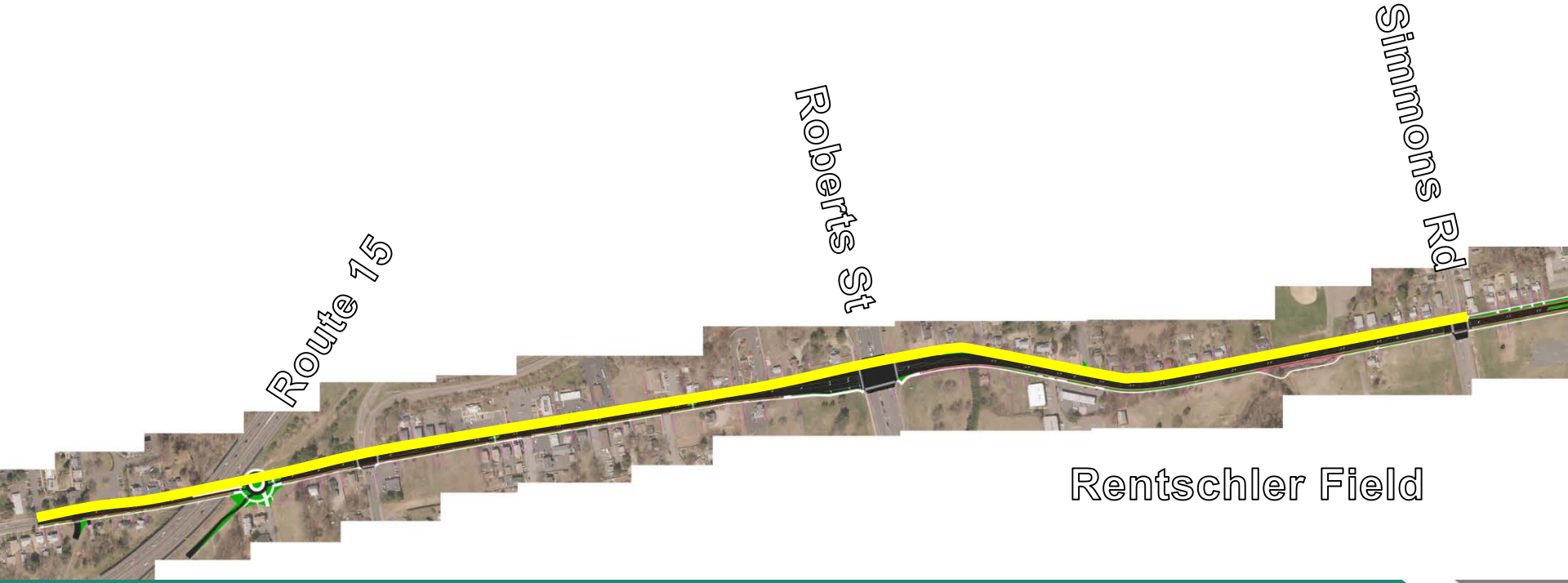
Any downsides?

- Longer queues at signals
- Additional turn lanes needed in some locations



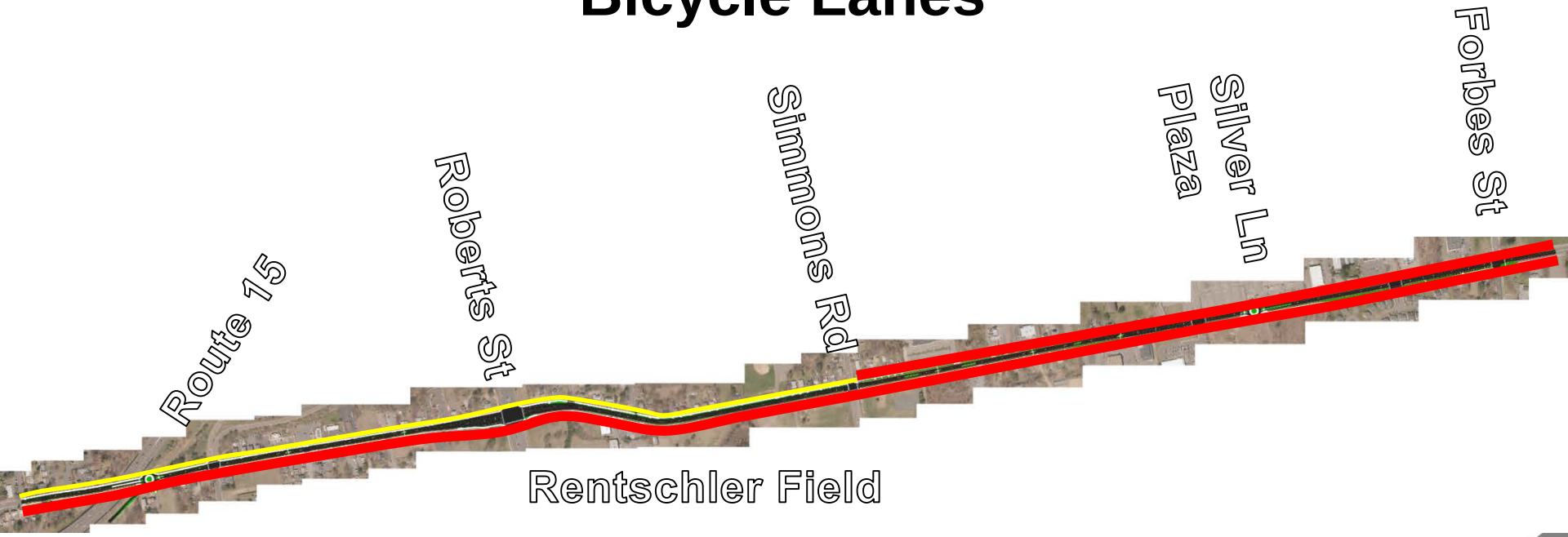
Conceptual Improvements

Mixed-Use Path



Conceptual Improvements

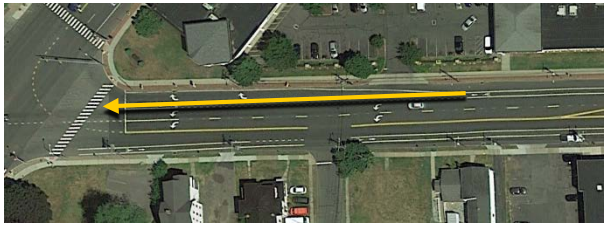
Bicycle Lanes

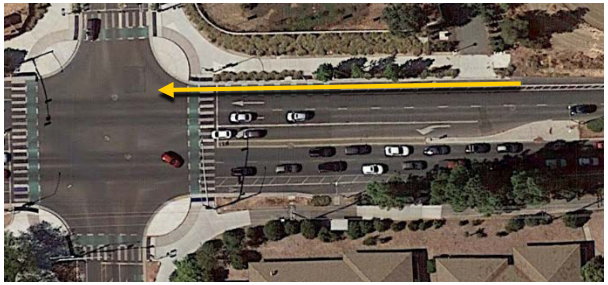


Conceptual Improvements

Bike Lanes & Right Turn Lanes

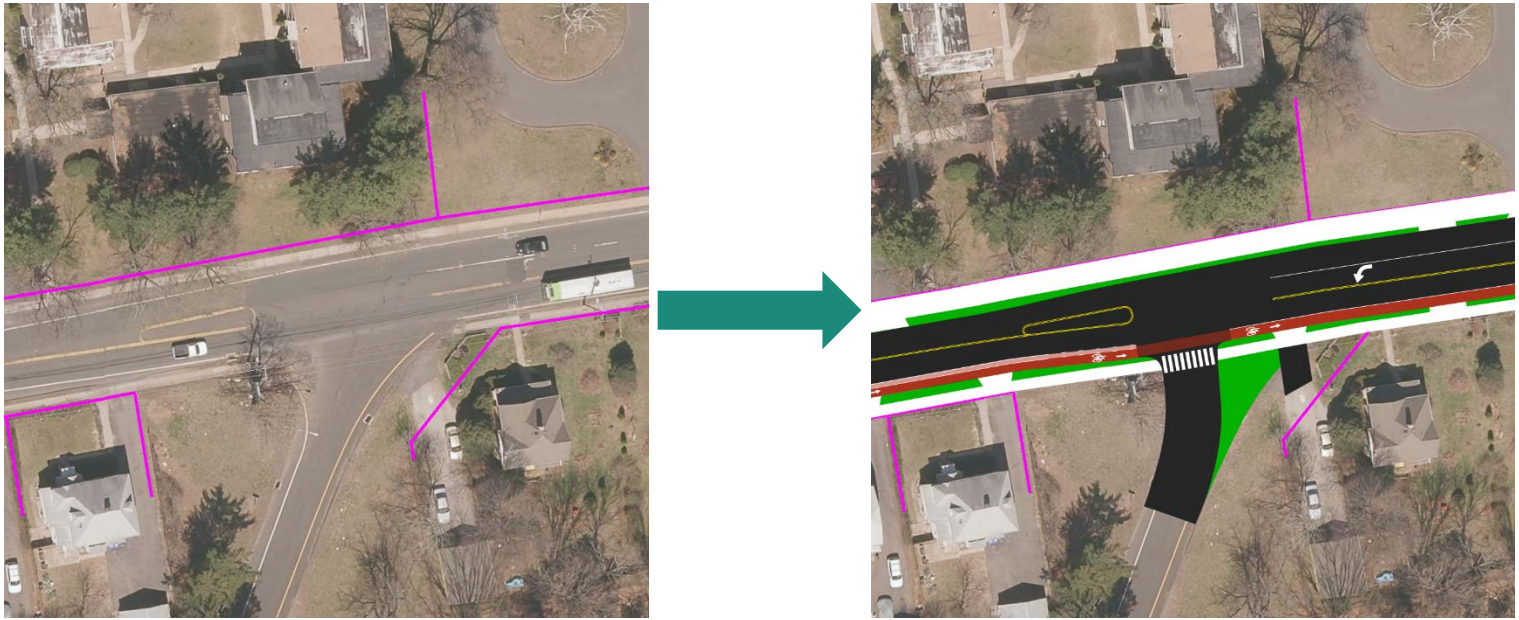
1. Bike lane to left of turn lane
2. Shared bike lane and right turn lane
3. Bikes on mixed-use path





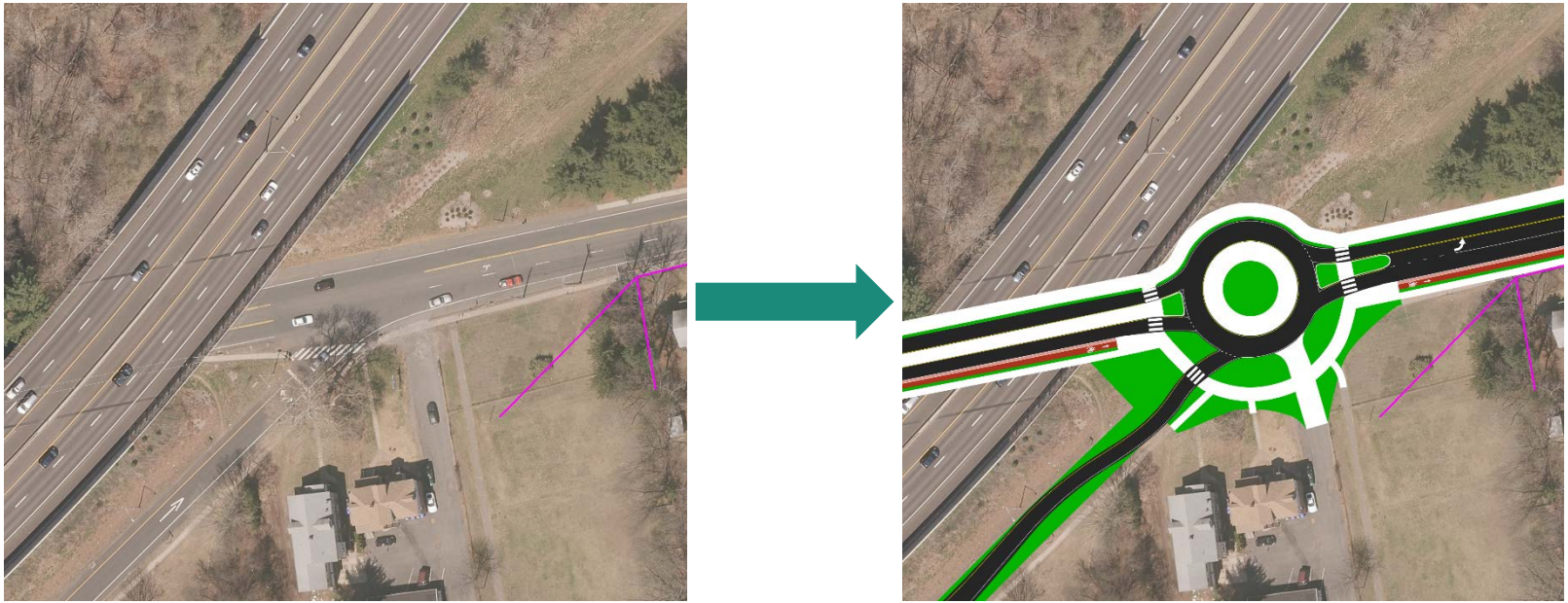
Conceptual Improvements

Route 15 On-Ramp



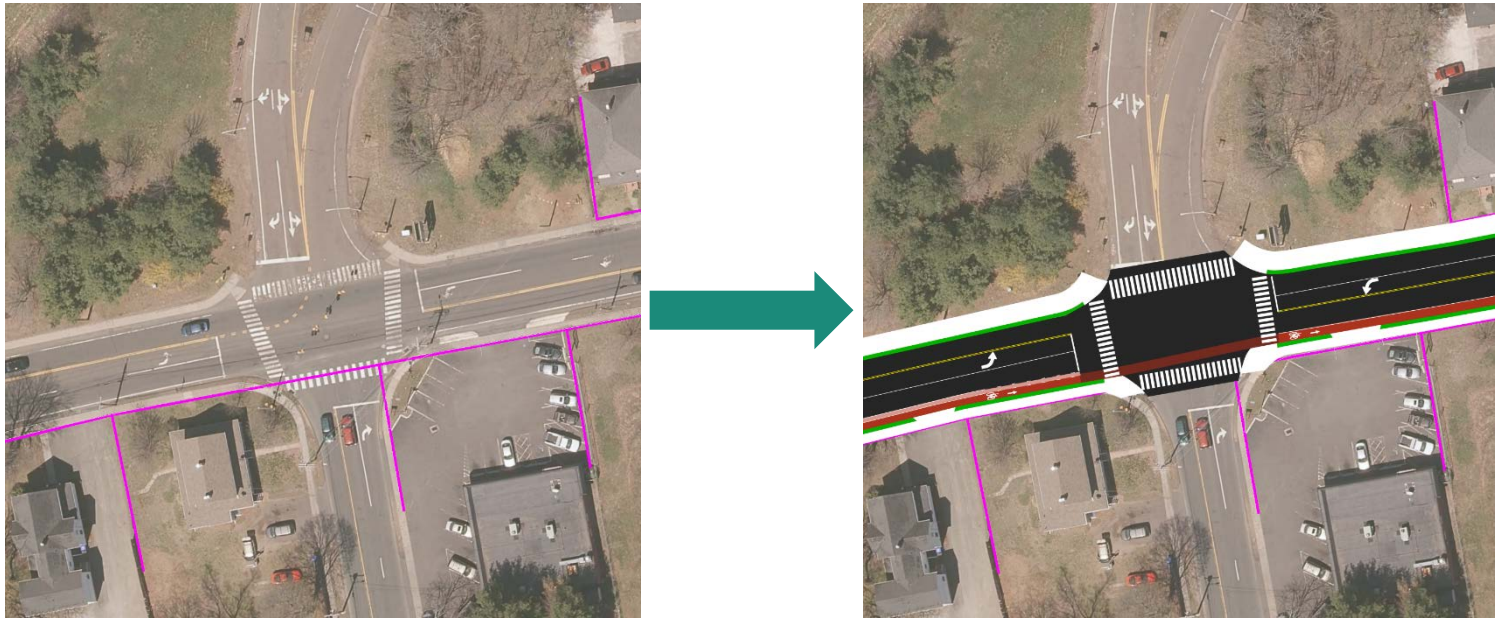
Conceptual Improvements

Route 15 Off-Ramp



Conceptual Improvements

Mercer Avenue / HOV Ramps

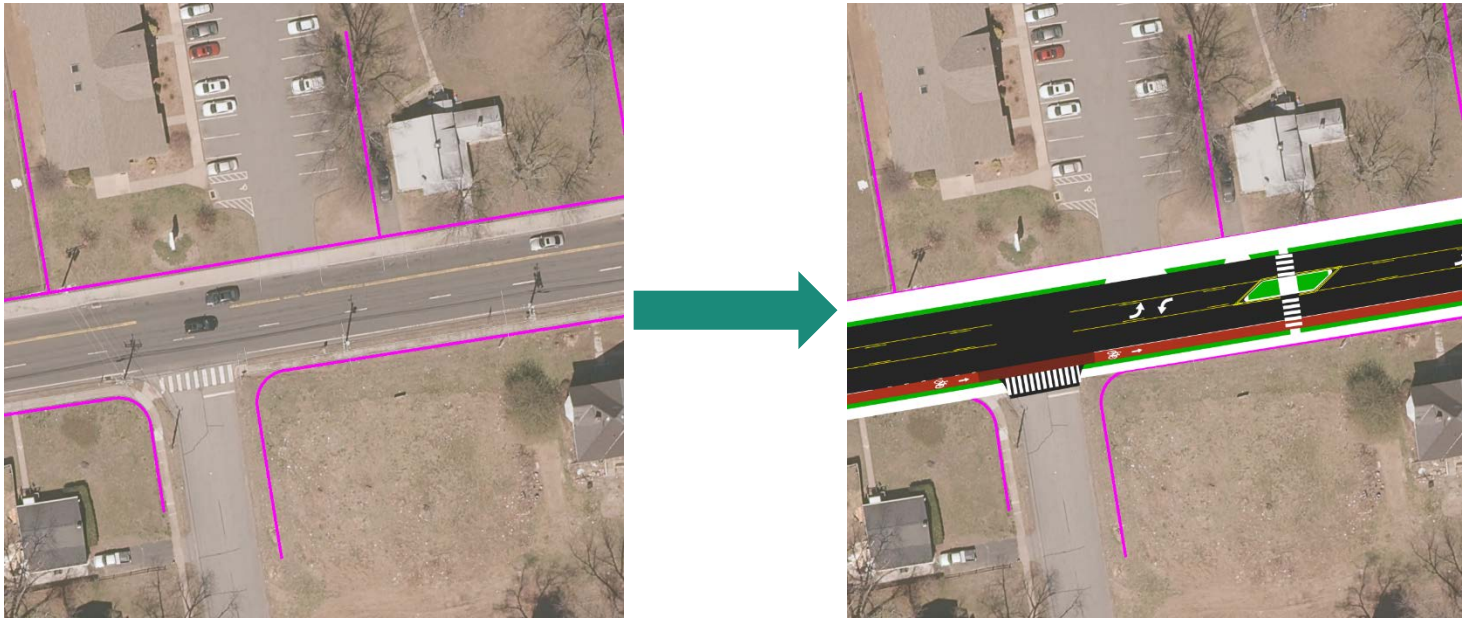


Conceptual Improvements

Whitney Street

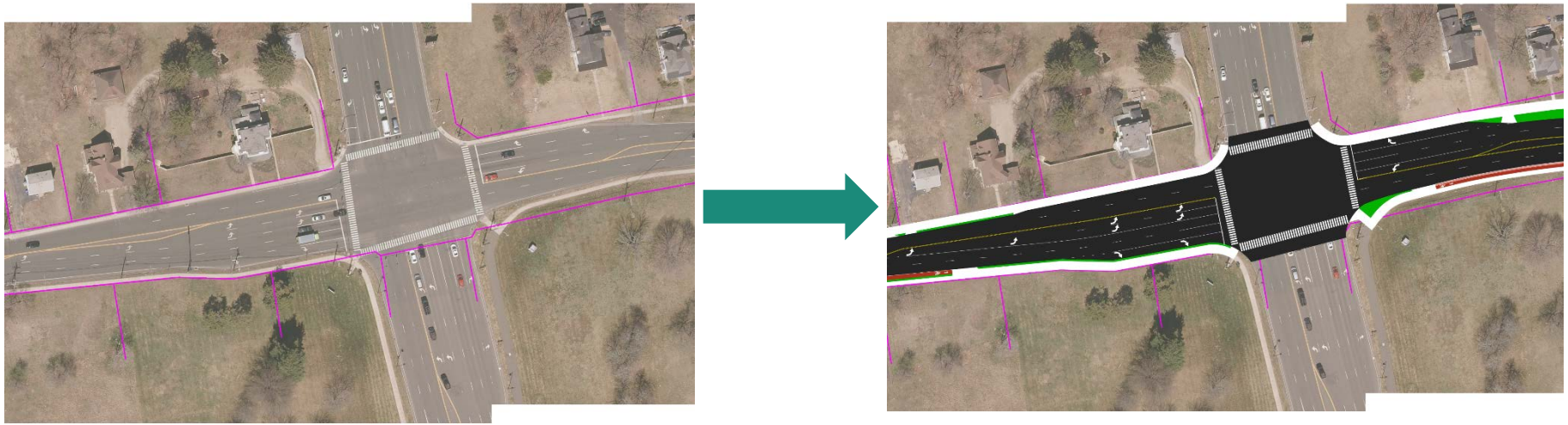
Conceptual Improvements

Warren Drive



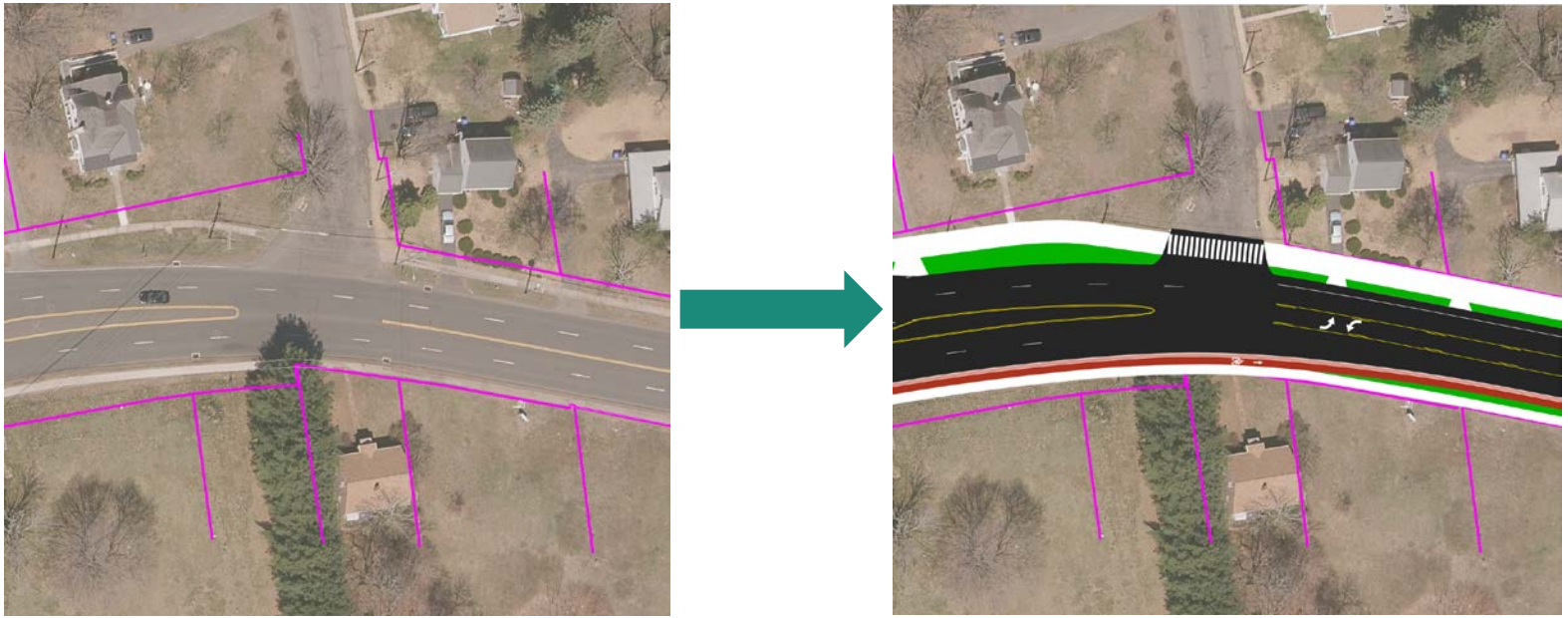
Conceptual Improvements

Roberts Street / East Hartford Boulevard

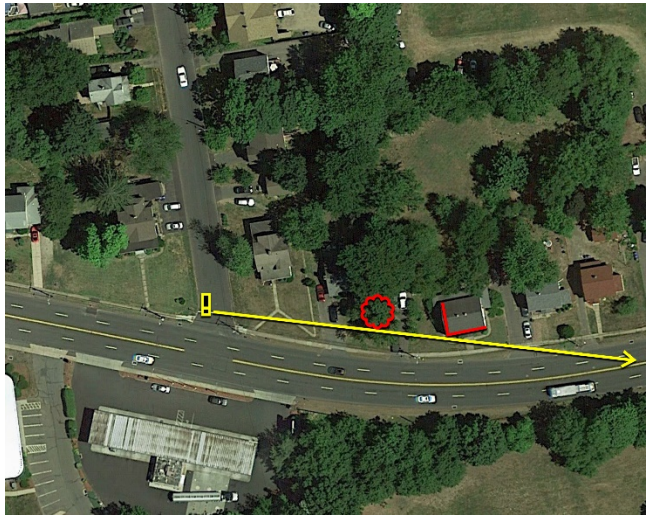


Conceptual Improvements

Clement Road



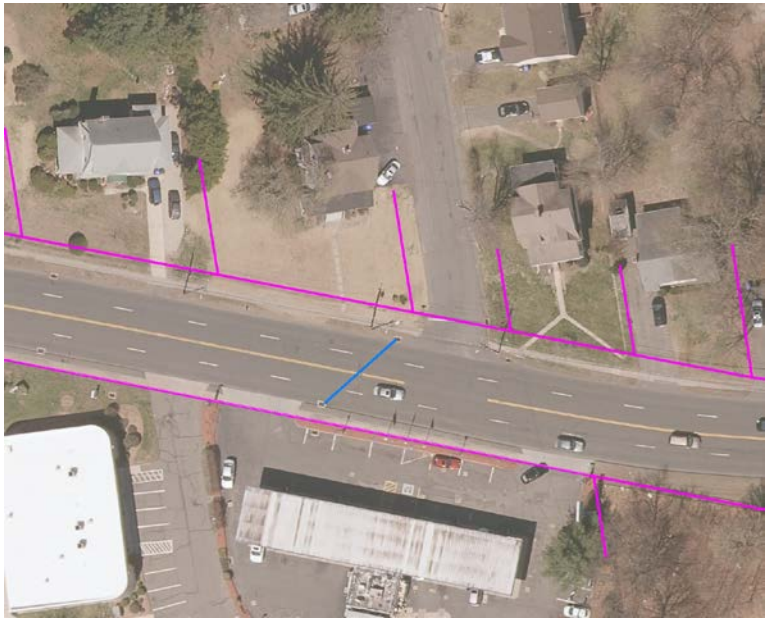
Gold Street

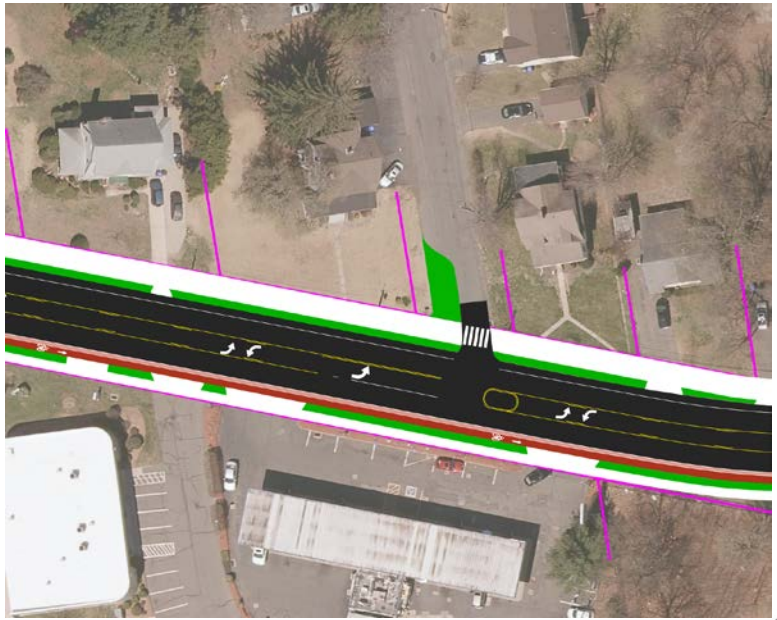


Gold Street

Conceptual Improvements

Gold Street





Conceptual Improvements

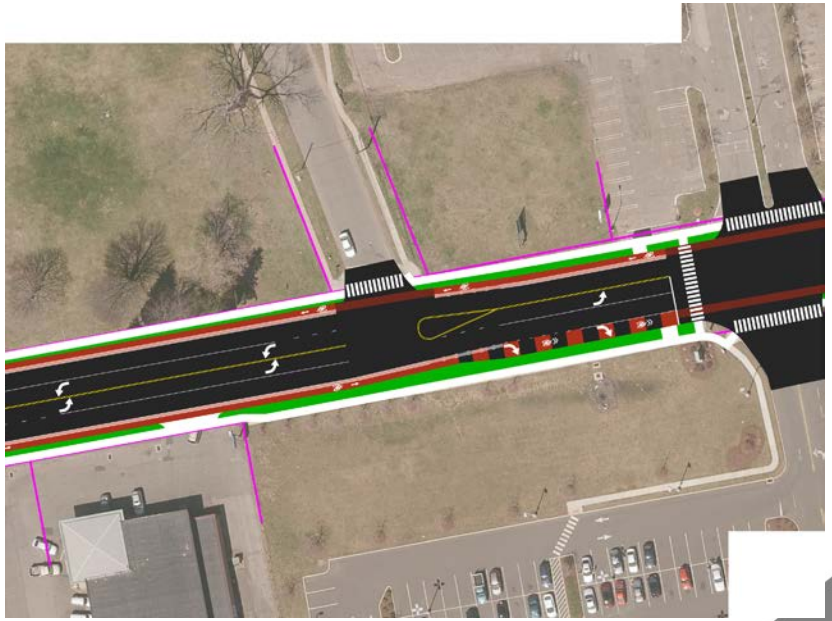
Simmons Road / Rentschler Field

Conceptual Improvements

East of Rentschler Field

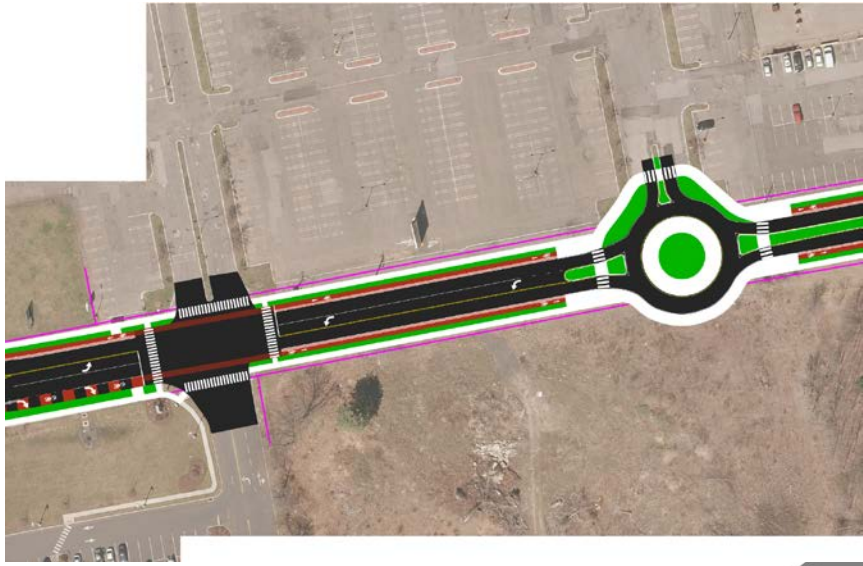
Conceptual Improvements

Applegate Lane



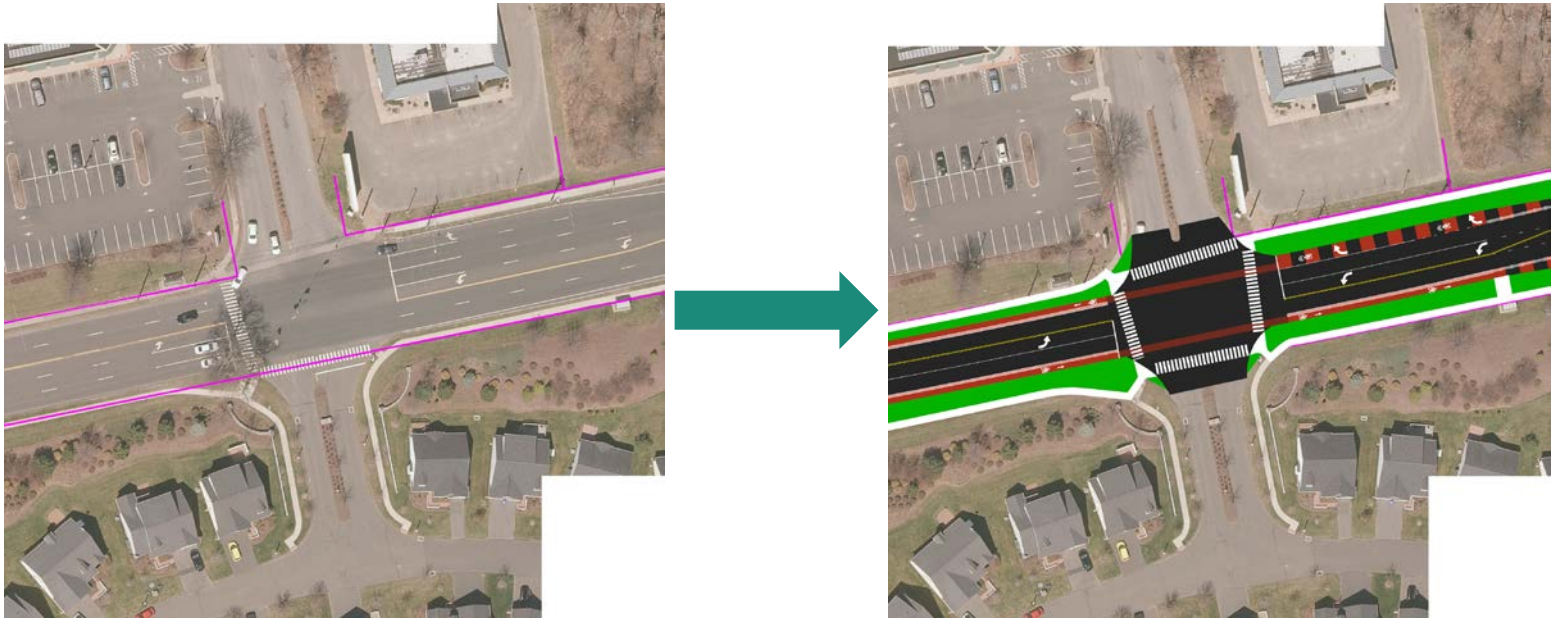
Conceptual Improvements

Silver Lane Plaza



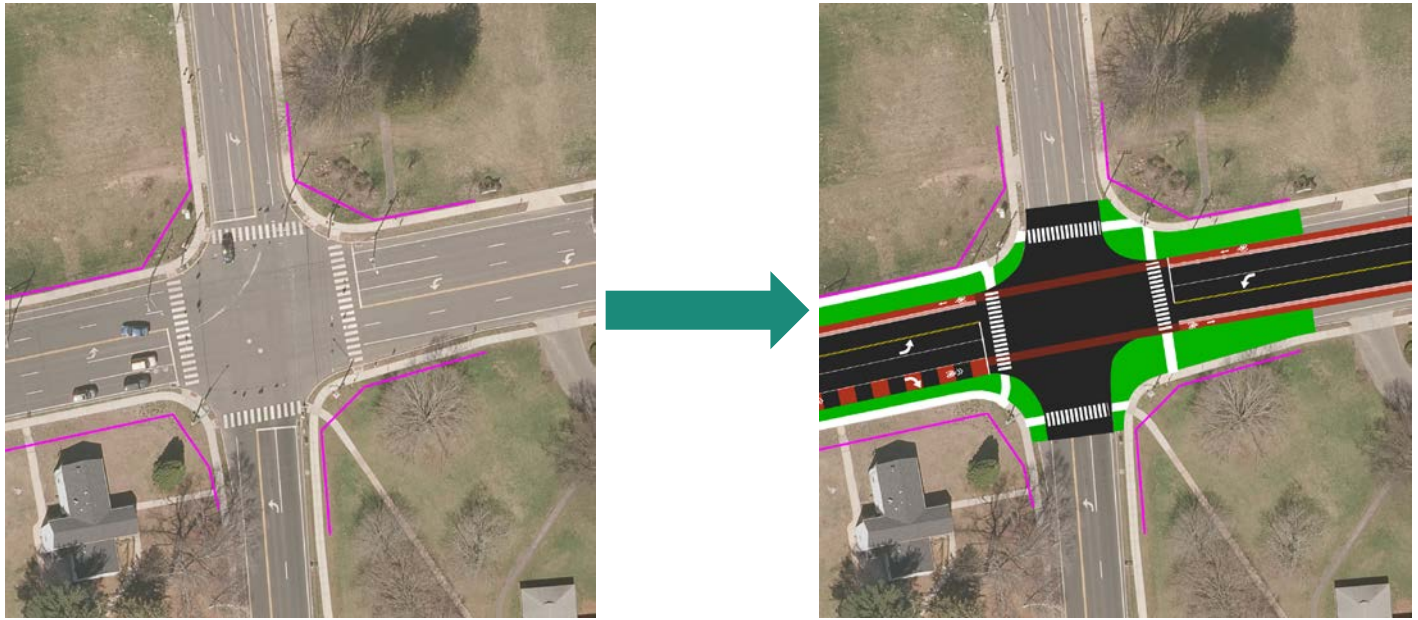
Conceptual Improvements

Charter Oak Mall / Phillips Farm Road



Conceptual Improvements

Forbes Street



Next Steps & Implementation

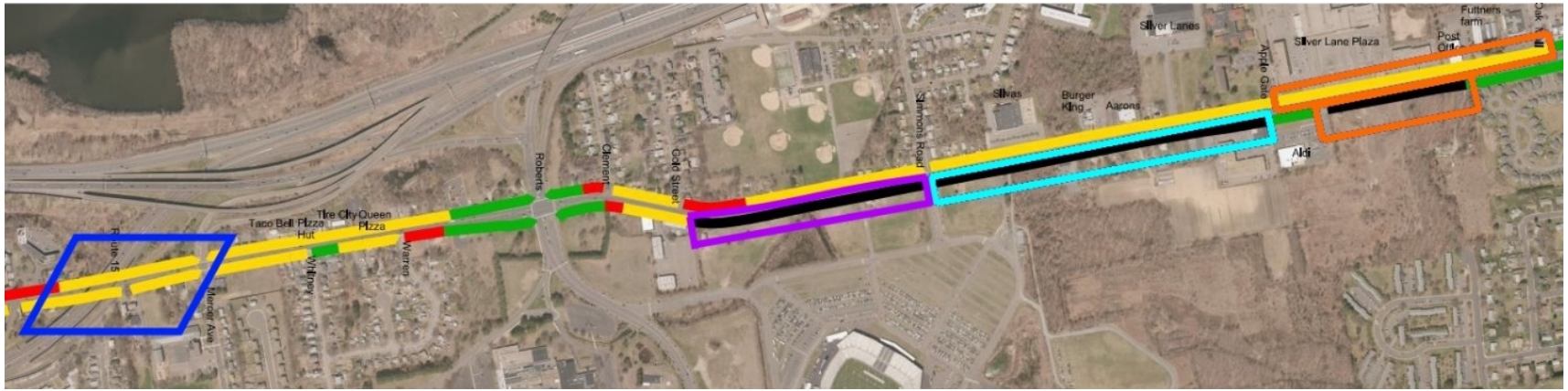
Transportation Study

- 2040 Vision with funding opportunities identified

VIP Paving Program

- VIP = Vendor-in-Place
- Mill & overlay with restriping potential
- Silver Lane included for 2019
- Positive conversations with DOT regarding road diet implementation

CRDA Complete Streets



	Area Near Silver Lane Elementary School	**2,100’**
	Charter Oak Mall, Silver Lane Plaza, Aldi	**2,650’**
	Aldi to Simmons Road	**1,700’**
	Rentschler Field	**2,000’**

Next Steps

- Roadway repaving this summer
- Design of new sidewalks
- Finalize 2040 vision
- Final public meeting – Fall 2019

That’s it

Thank you for your time and attention!