

# VT 15 Susie Wilson Road to West St. Ext. Bike/Pedestrian Improvements Scoping Study

Alternatives Meeting  
June 27, 2018  
Essex Jct, Vermont



Town of *Essex, Vermont*





# Project Advisory Committee

- Essex Jct. Village Staff/Reps.
  - Robin Pierce, Rick Hamlin, Raj Chawla
- Essex Town Staff
  - Dennis Lutz, Darren Schibler
- CCRPC
  - Christine Forde, Sai Sarepalli

# Tonight's Purpose

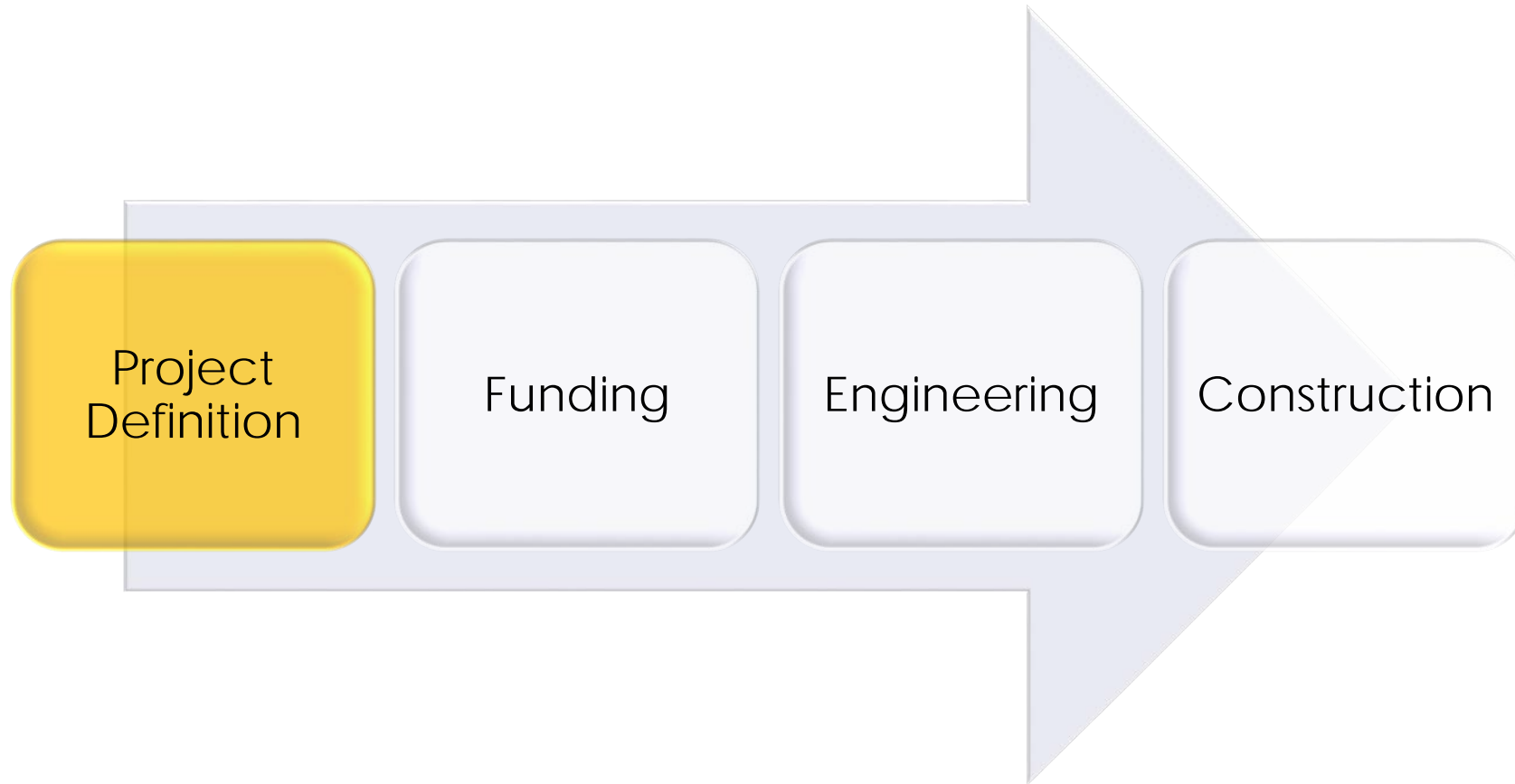
- Review project area
- Review project development process
- Review Alternatives
- **Gather feedback on alternatives - open public discussion**
- Discuss next steps

# Project Area



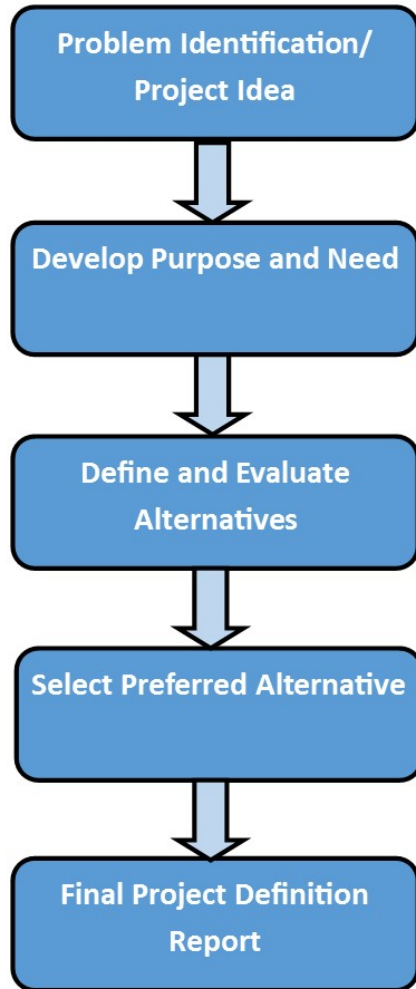
Study Focus: Bicycles and Pedestrians

# Typical Project Process





# Typical Project Definition Process



**Problem Identification/Project Idea** - The process starts when a particular transportation problem is identified or a new idea is put forward. This step can be initiated by members of the public, local elected officials, a private business, a community group, or a public agency. CCRPC also often identifies problems and projects through its ongoing regional planning process.

**Develop Purpose and Need** - A Purpose and Need statement is a problem statement used to define goals and reasons for a project.

**Define and Evaluate Alternatives** - A set of possible solutions/alternatives to address the identified problem will be developed. Each alternative is evaluated for various performance criteria.

**Select Preferred Alternative** - A preferred alternative is selected while considering input from stakeholders, project working group, and the public.

**Final Report** - A project definition report is finalized describing the process, public comments and input that were sought, and final recommendations.

# Study Tasks and Timeline

- Task 1: Data gathering, existing conditions analysis; **October-November**
- Task 2: Local concerns public meeting; January
- Task 3: Alternatives development, PAC meeting and input; **February - March**
- Task 4: Alternative evaluation, draft scoping report, PAC meeting; **April**
- Task 5: Alternative presentation, final report; **May -June**

# Existing Conditions – Traffic Volumes

Location	AADT	Count Years
VT Route 15 – West of Susie Wilson Road	24400	2016
Susie Wilson Road	20500	2016
VT Route 15 – East of Susie Wilson Road	16300	2016
West Street Extension	5900	2016
VT Route 15 – East of West Street Ext.	11700	2016



# Existing Conditions

- East End -  
Planned Shared  
Use Path



# Existing Conditions

- West End -  
Buffered Bike Lanes





# Existing Conditions

- Four 12 foot Lanes with 16 foot Median
- Constructed in 1964





# Project Purpose and Need

**Purpose:** Provide a safe, visible, comfortable, convenient, and direct bicycle facility connecting existing and/or planned facilities.

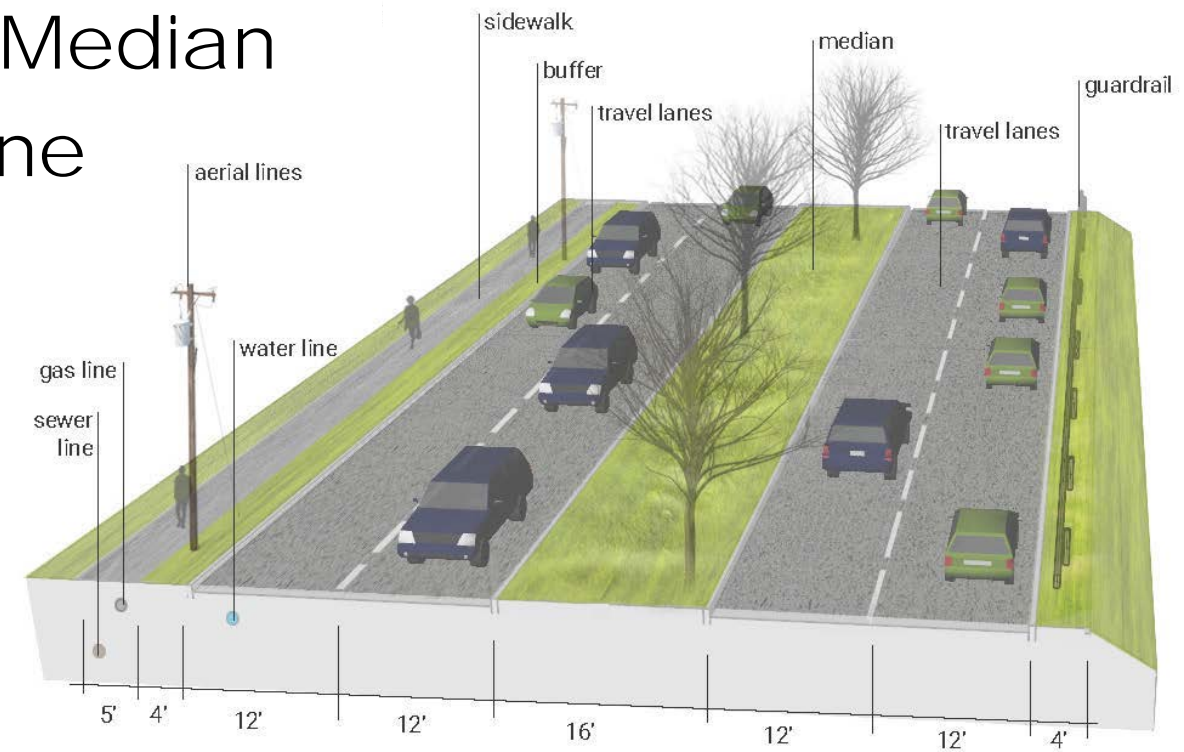
## **Needs:**

1. Complete a missing bicycle facility link in the town, village, and regional bicycle network.
2. Provide an inviting travel corridor for a growing number of residents and bicycle commuters that reinforces the Town's, Village's and Region's goals for pedestrian and bicycle mobility.
3. Facilitate use by all age groups, experience levels, and trip purposes.

# Alternatives

- Alternative 1 – No Action
- Alternative 2 – Two Lanes with Median
- Alternative 3 – Three lanes No Median
- Option A – EEA to SWR Bike Lane

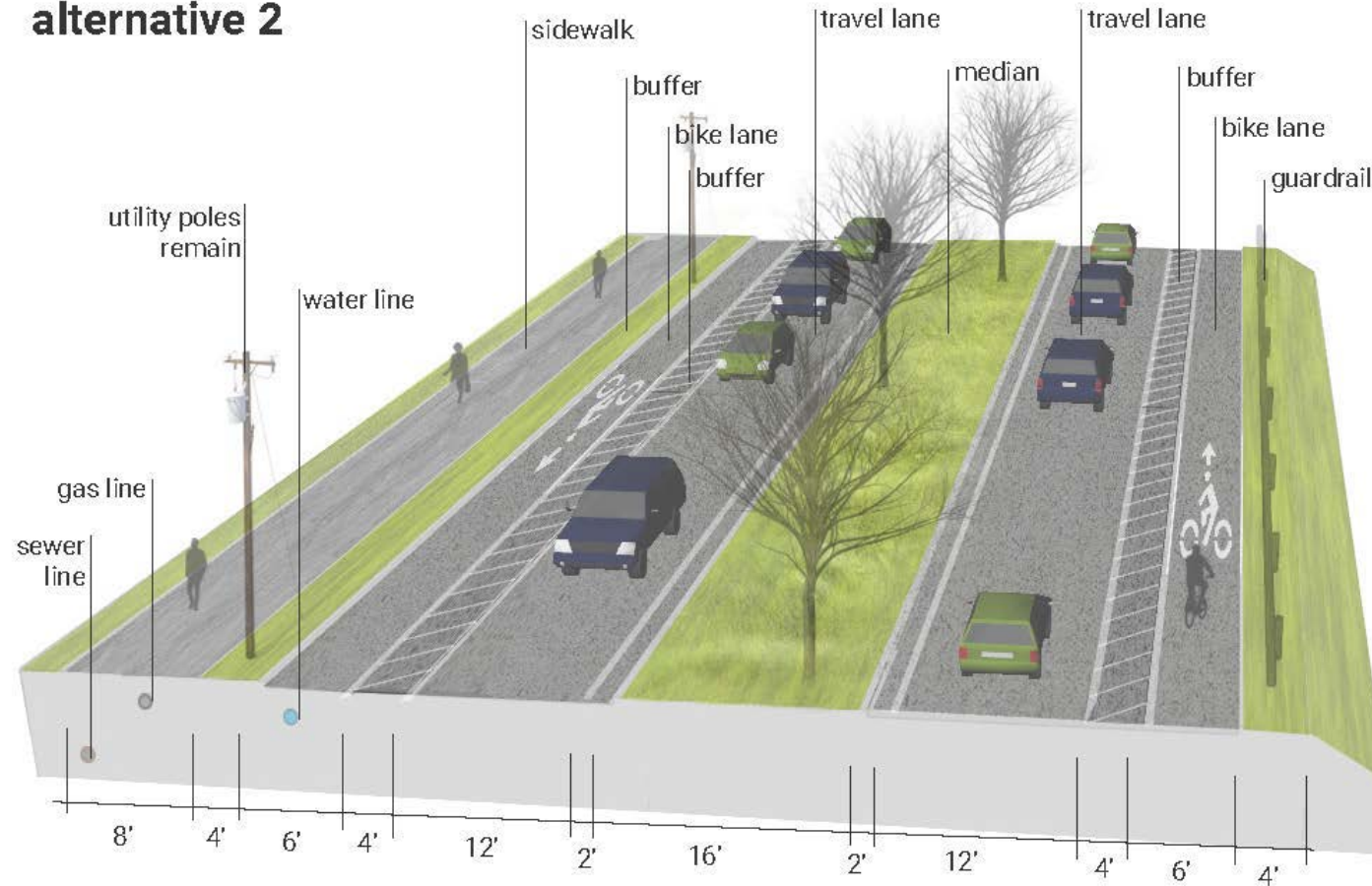
Alternative 1 – No Action



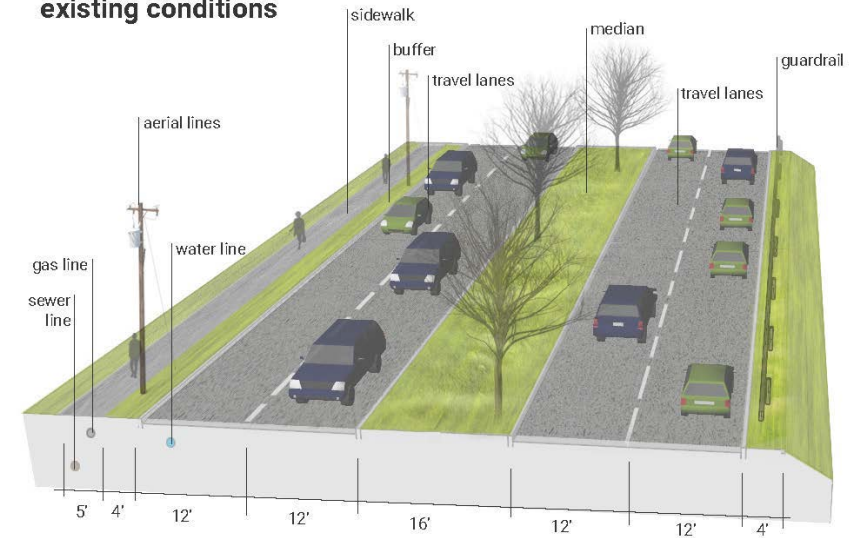
# Alternatives

- Alternative 2 – Two Lanes with Median

**alternative 2**



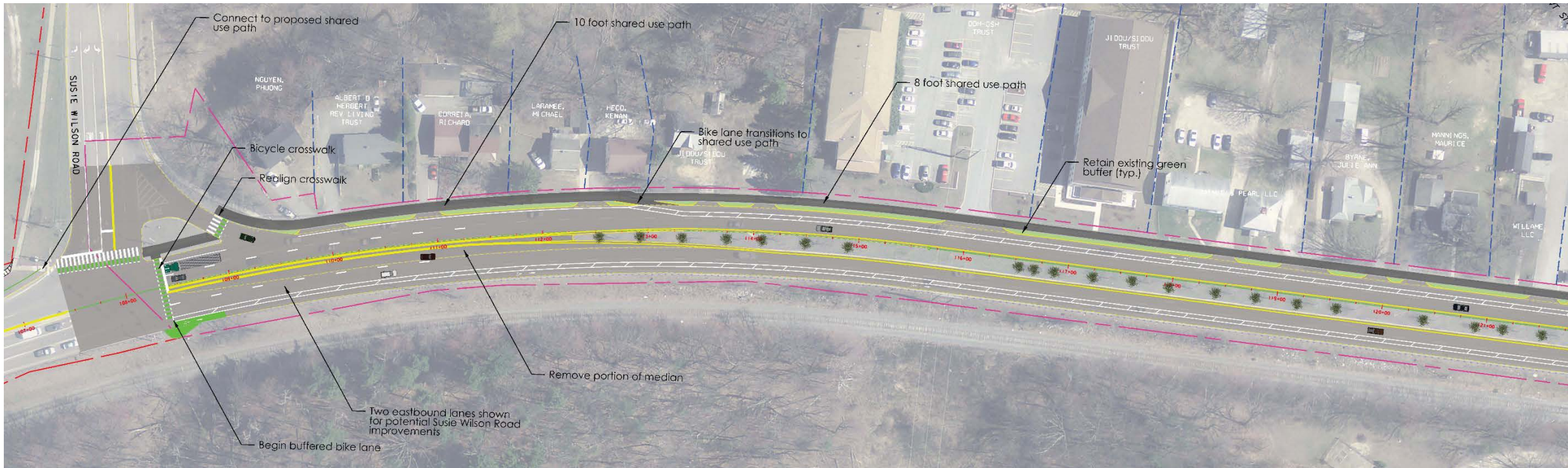
**existing conditions**





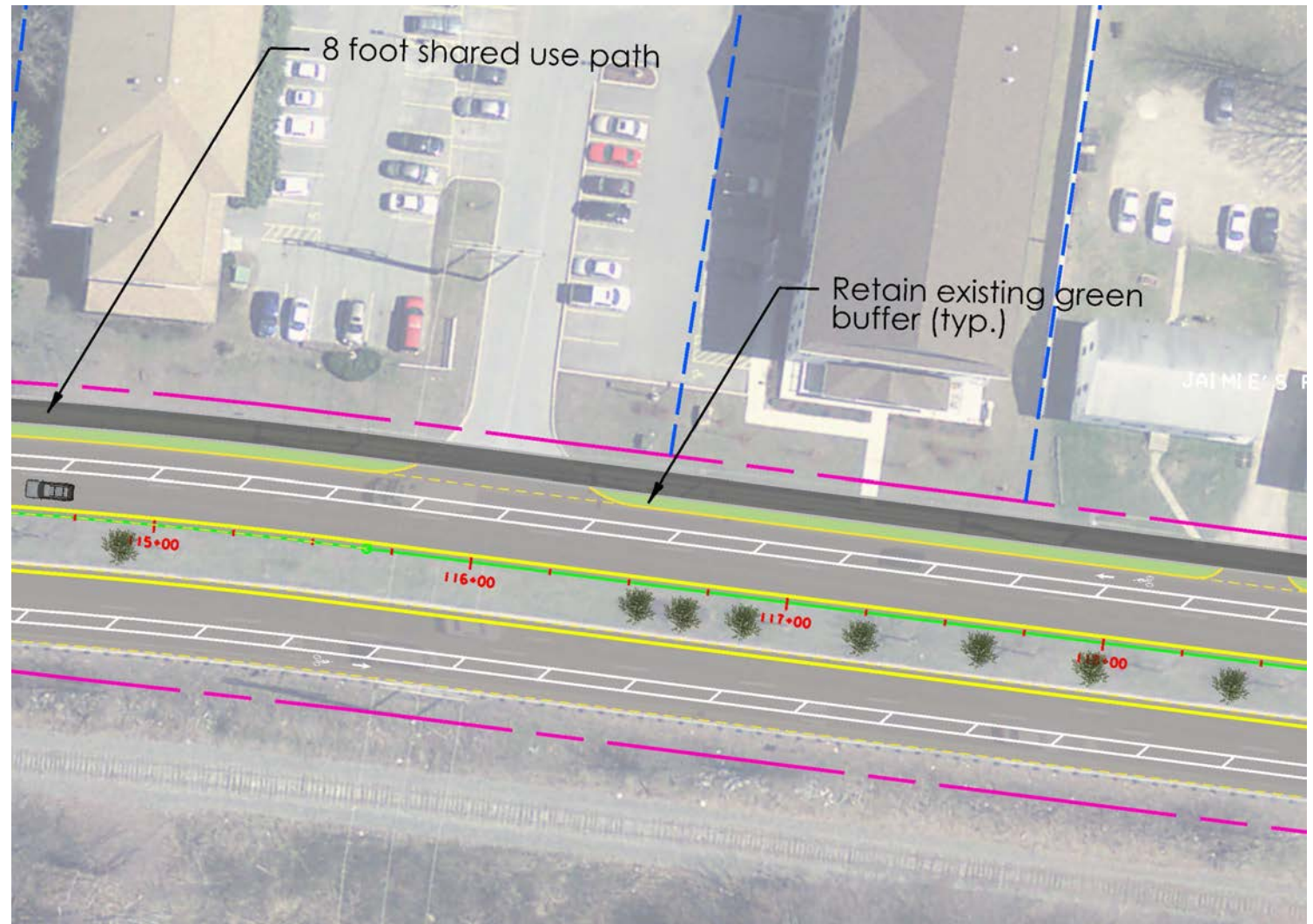
# Alternatives

- Alternative 2 – Two Lanes with Median



# Alternatives

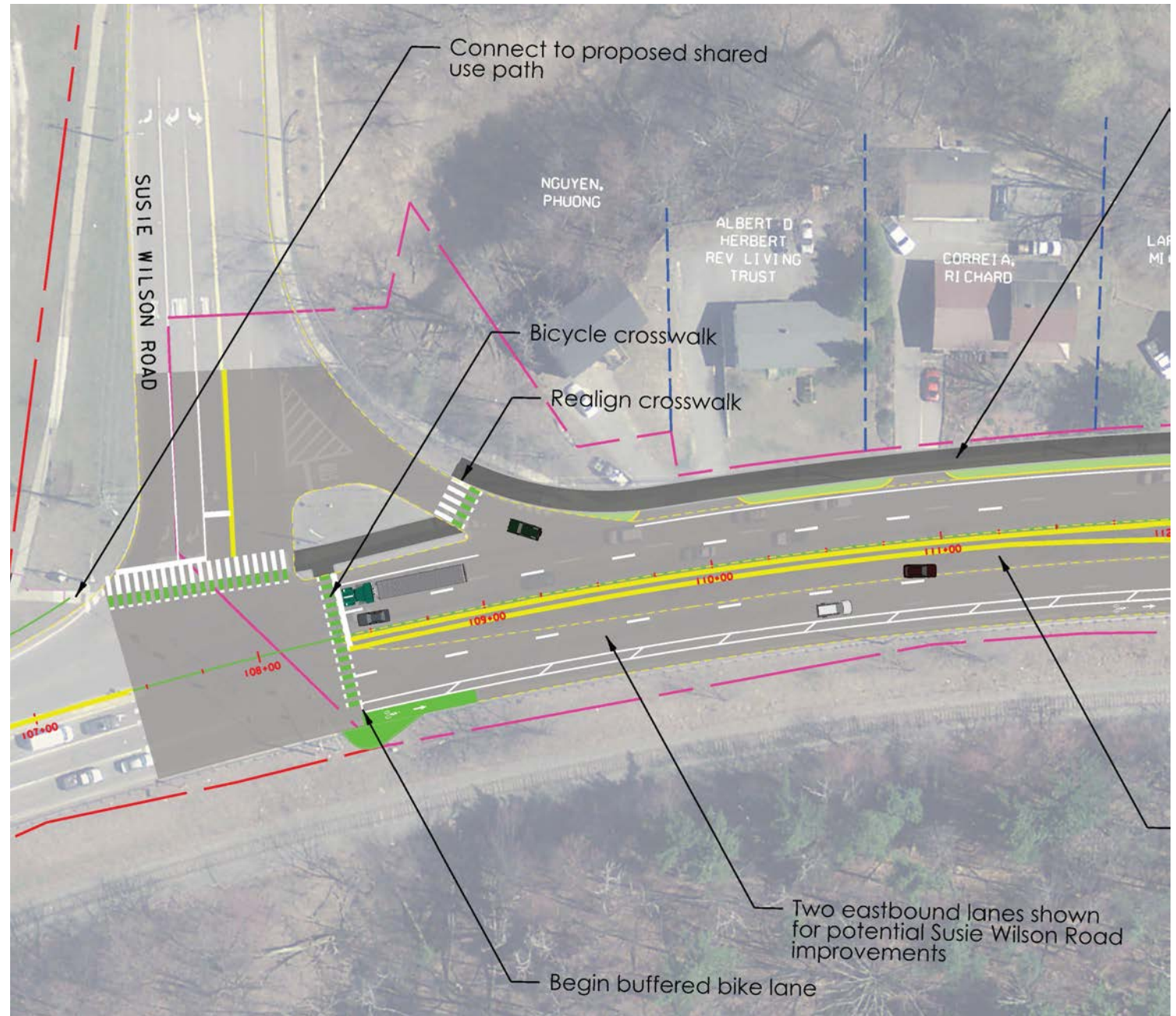
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# Alternatives

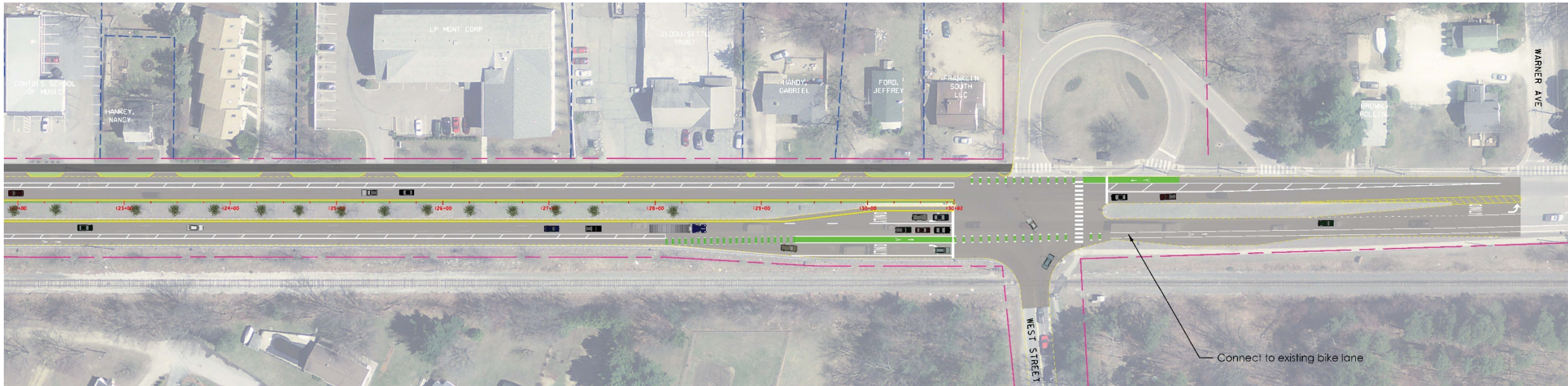
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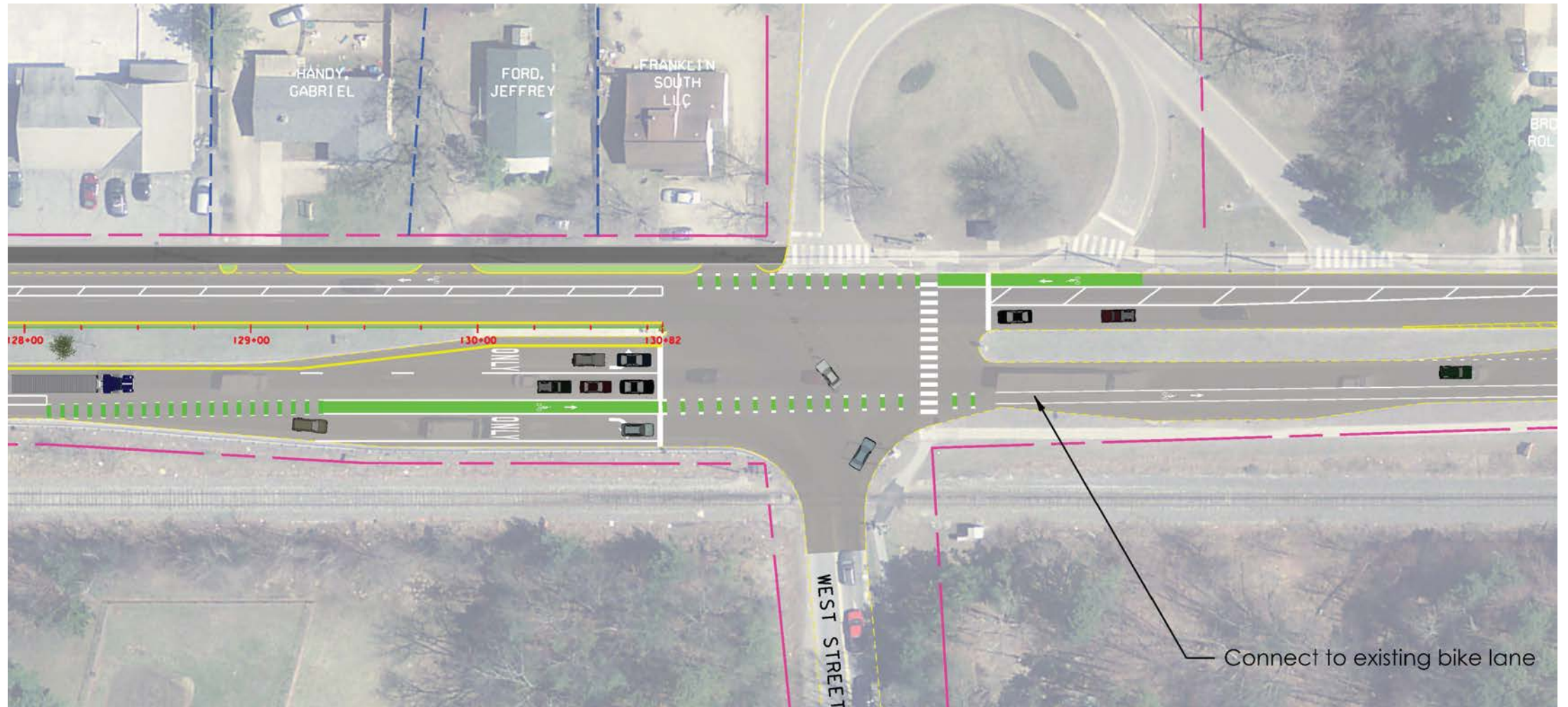
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# Alternatives

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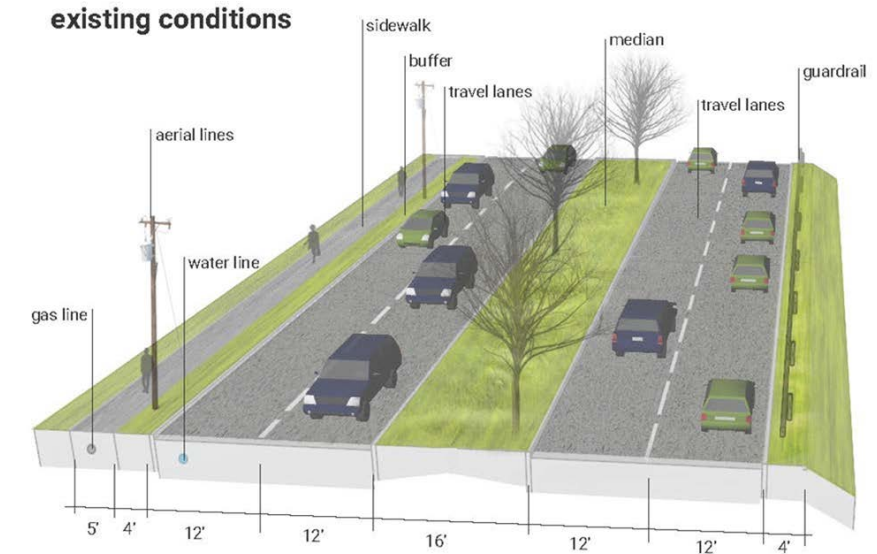
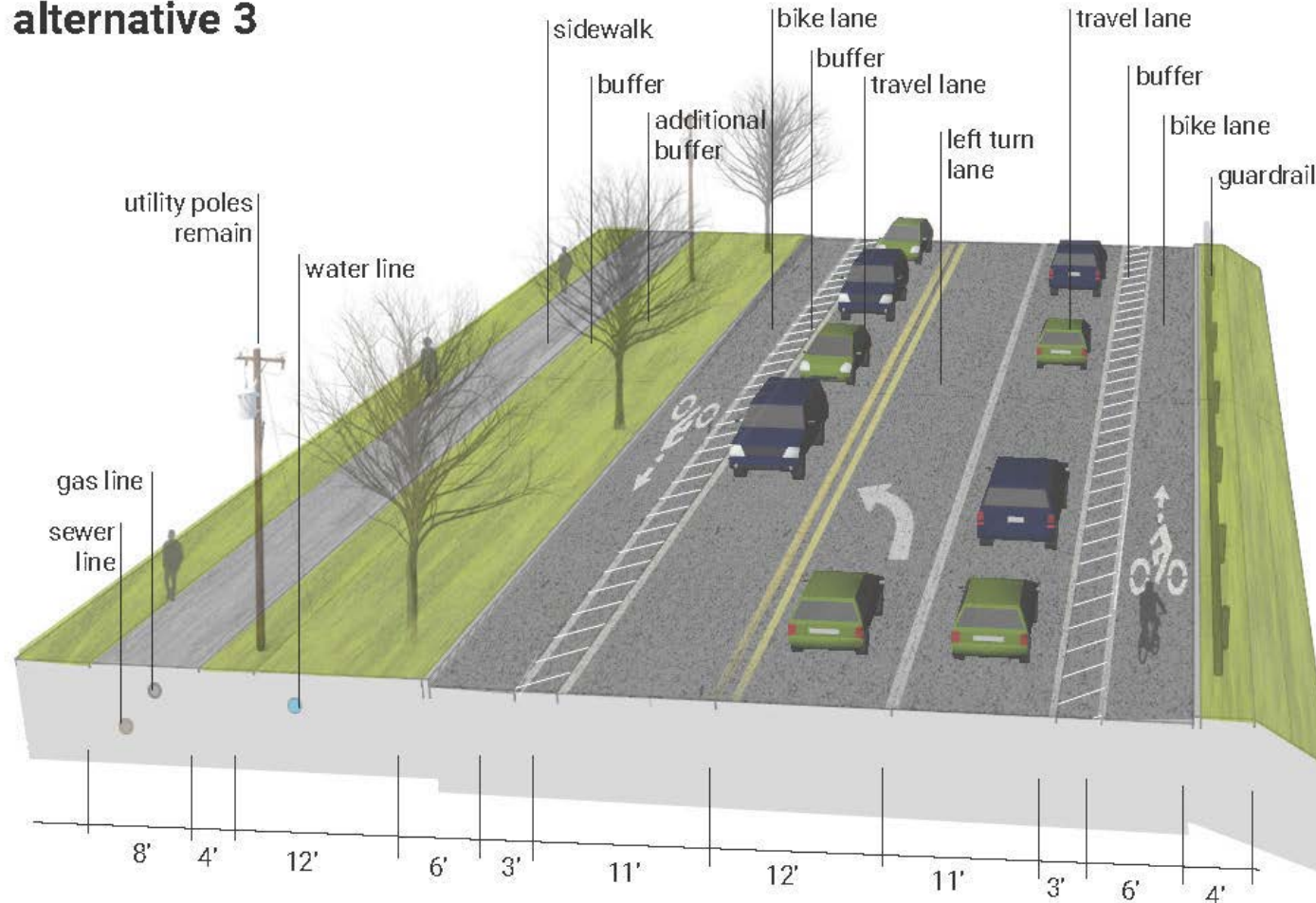




# Alternatives

- Alternative 3 – Three lanes No Median

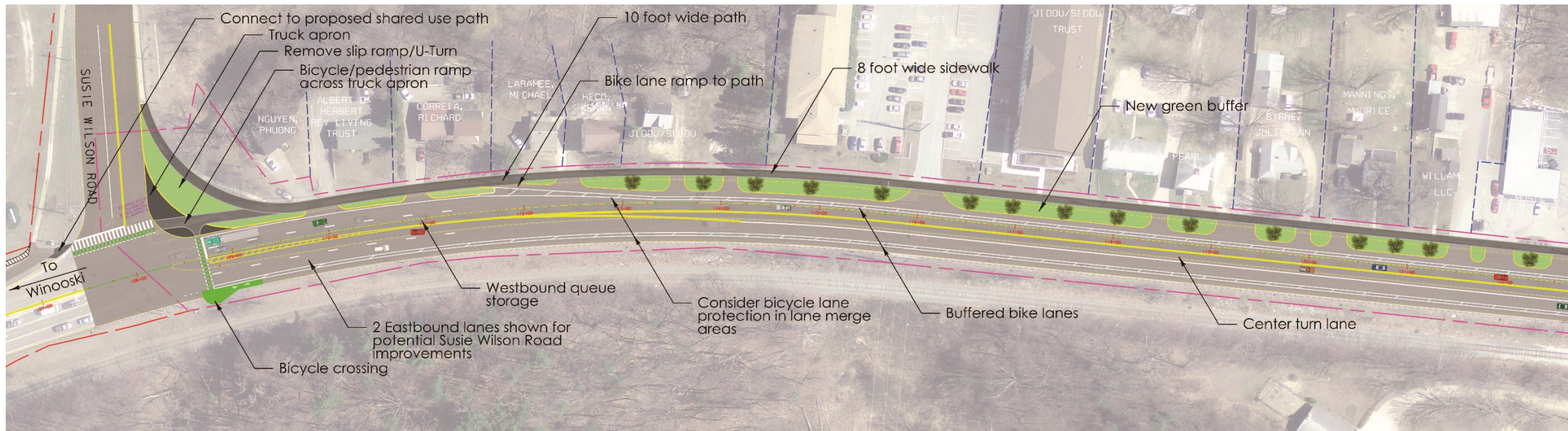
alternative 3





# Alternatives

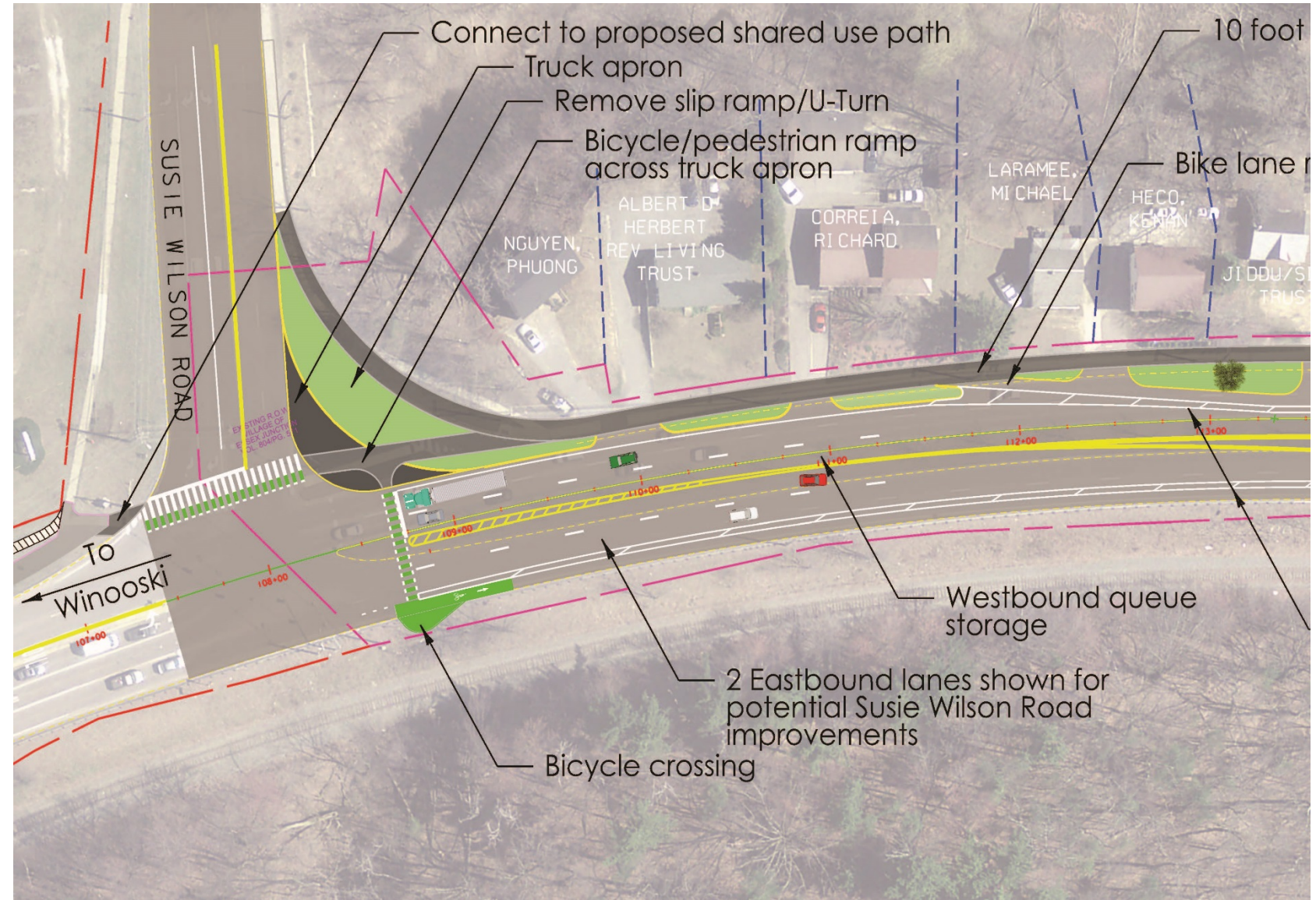
- Alternative 3 – Three lanes No Median





# Alternatives

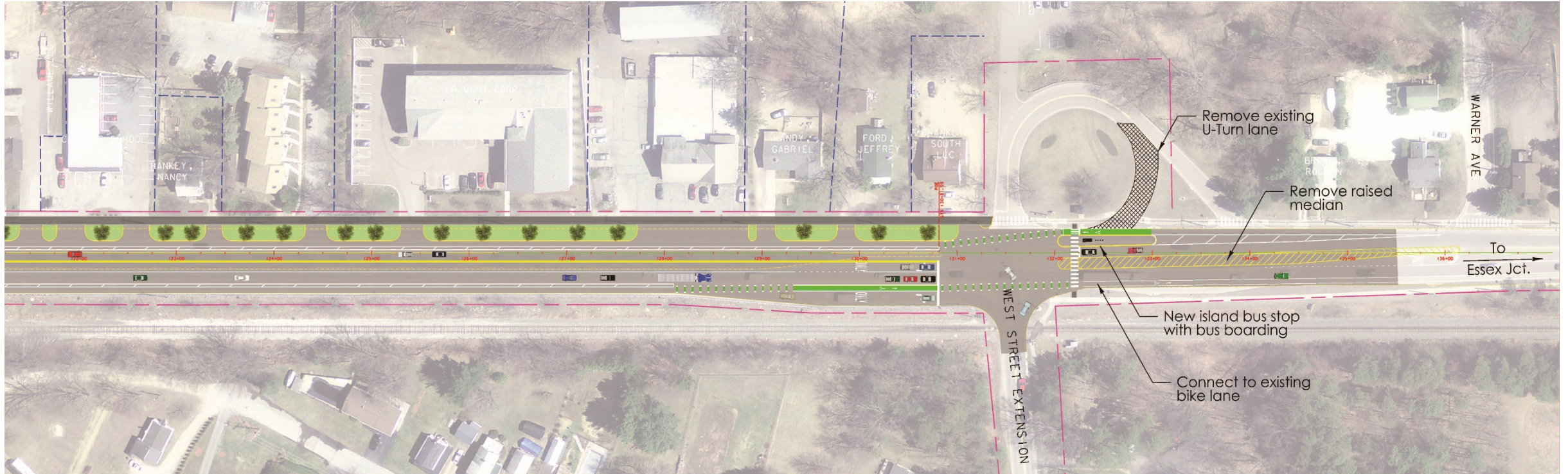
- Alternative 3  
Three lanes No  
Median





# Alternatives

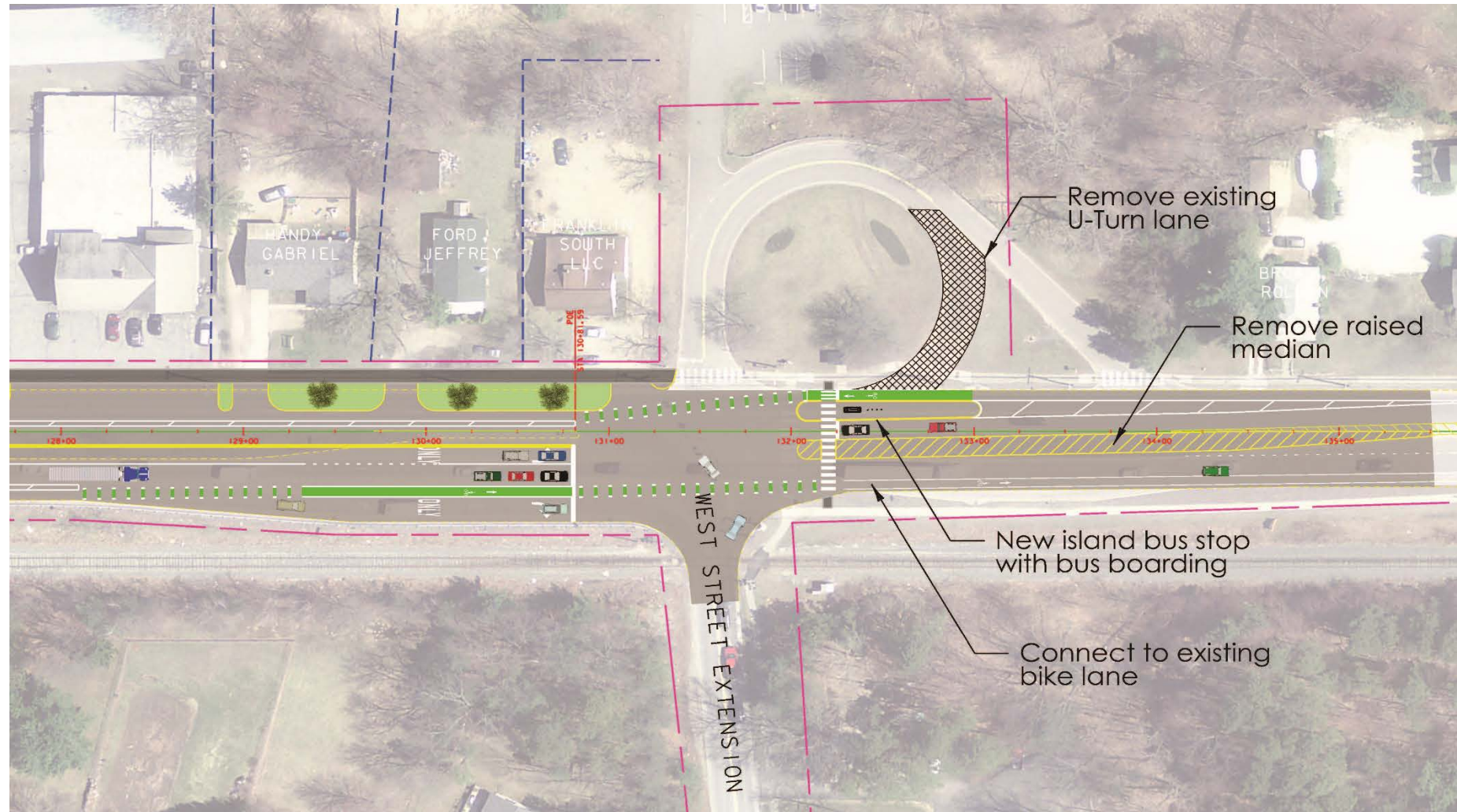
- Alternative 3 – Three lanes No Median





# Alternatives

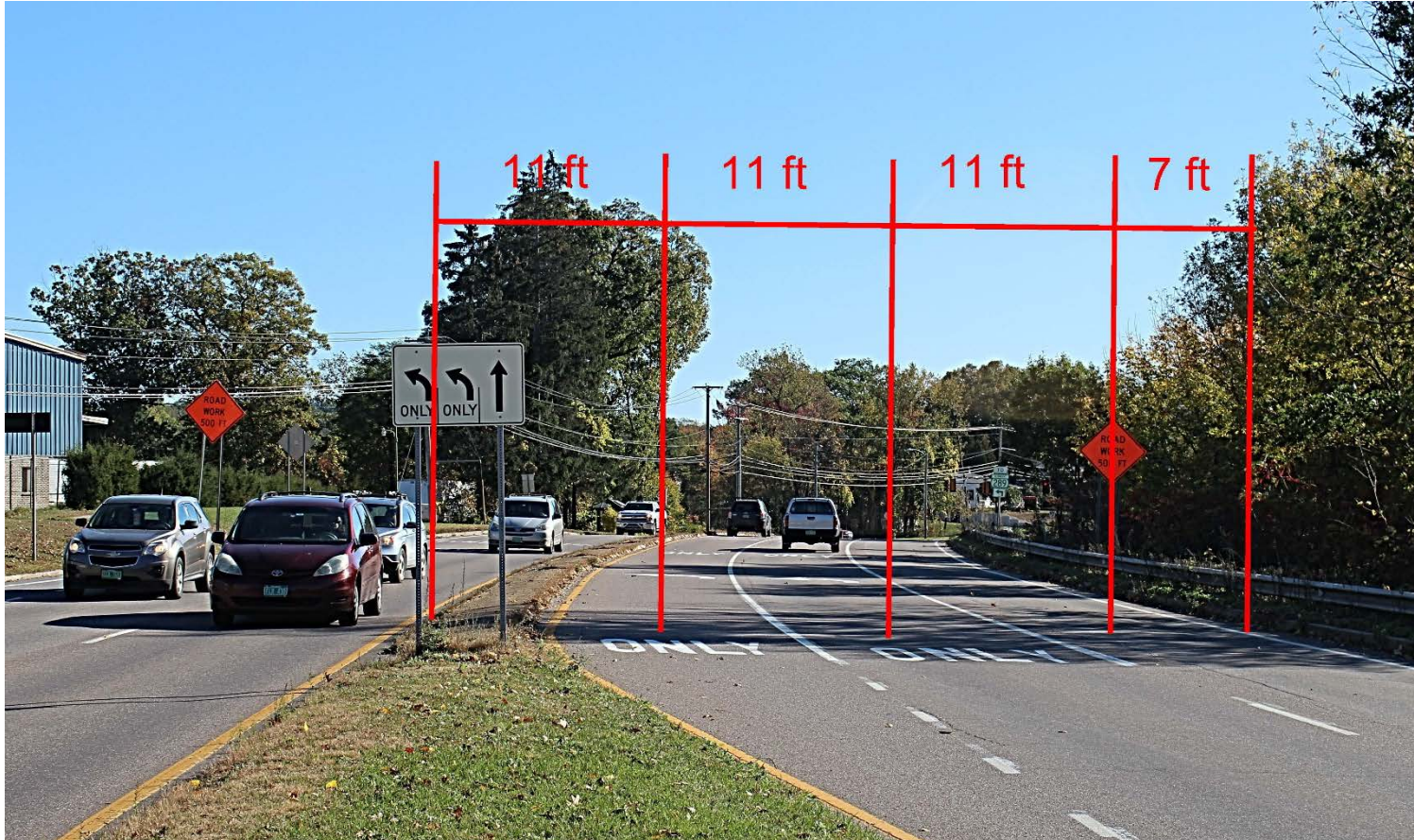
- Alternative 3  
Three lanes  
No Median





# Alternatives

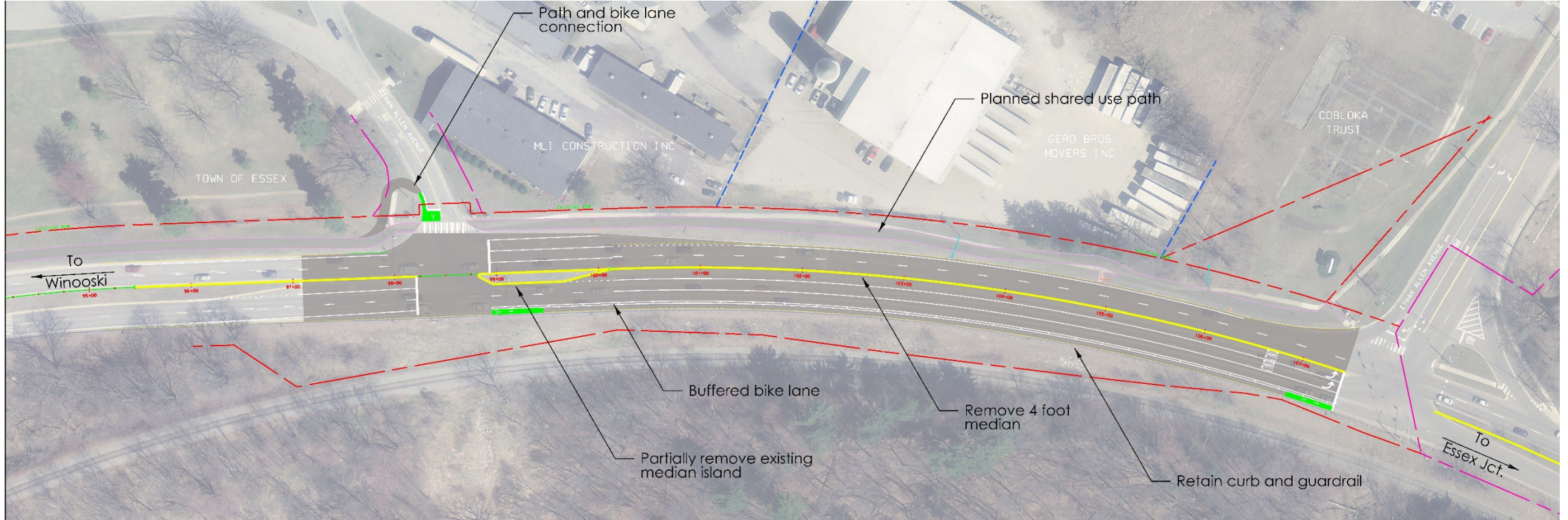
- Option A – EEA to SWR Bike Lane





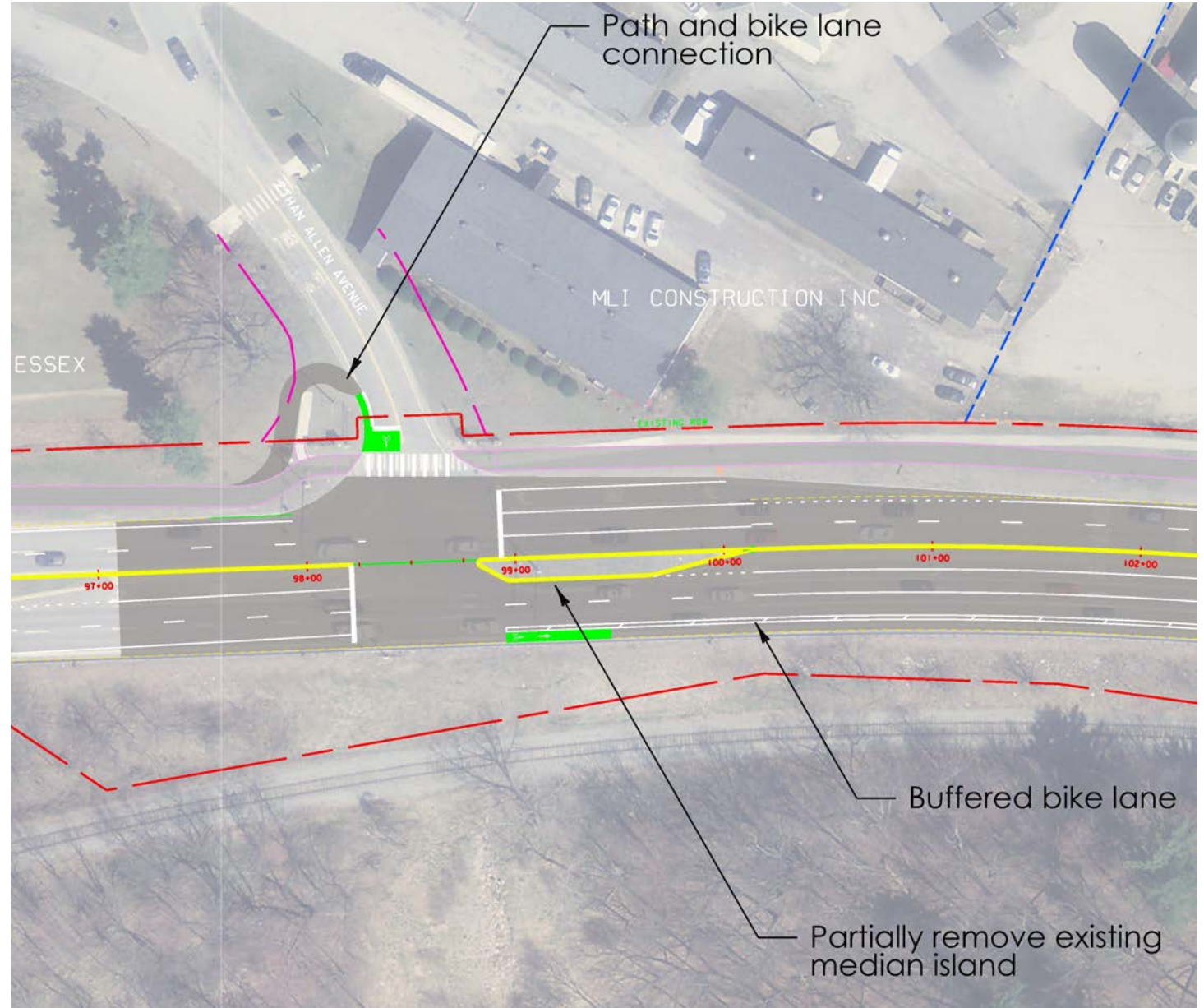
# Alternatives

- Option A – EEA to SWR Bike Lane



# Alternatives

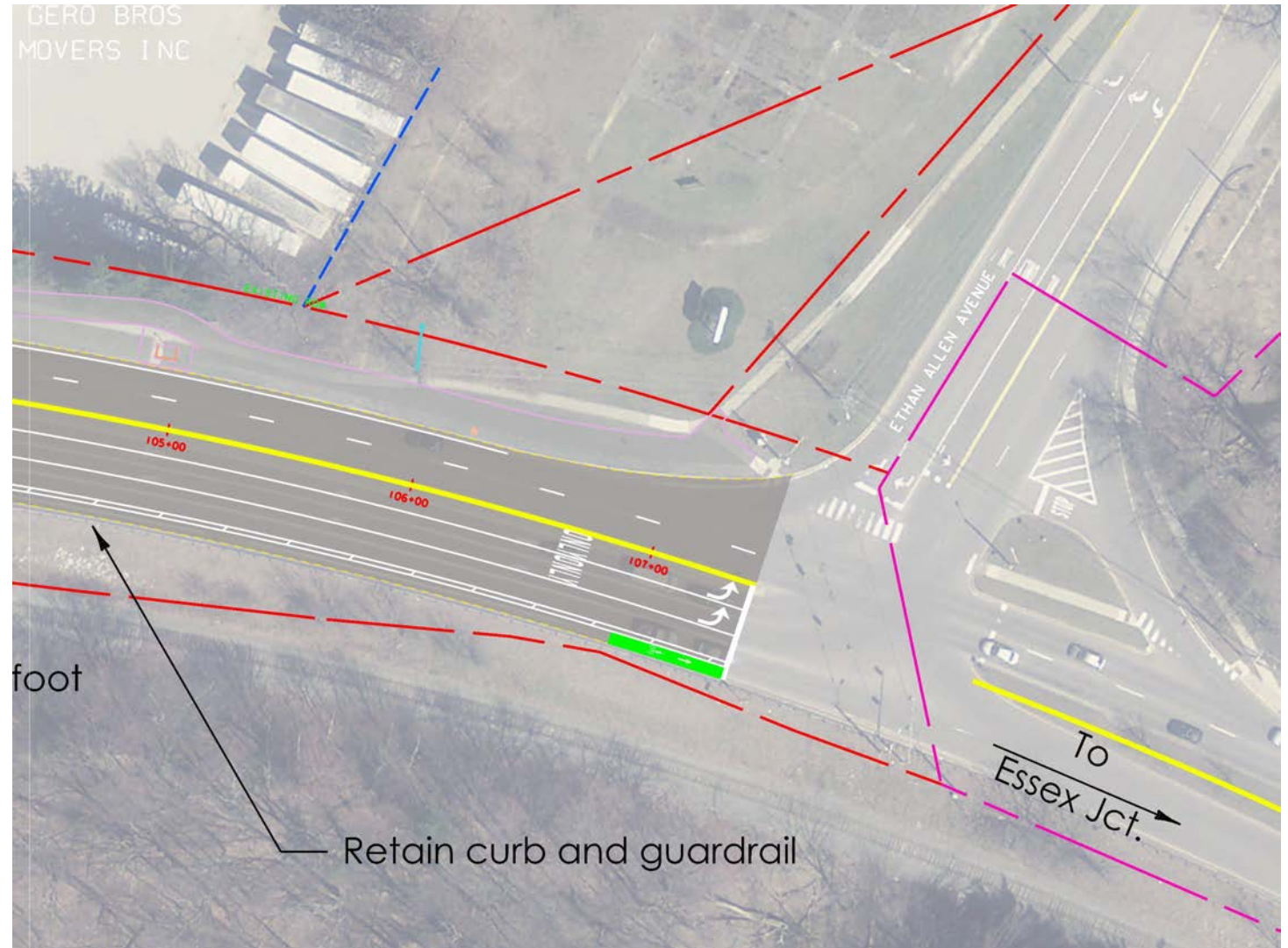
- Option A – EEA to SWR Bike Lane





# Alternatives

- Option A – EEA to SWR Bike Lane



# Alternatives Evaluation Matrix

CRITERIA	Alternative 1: No Action	Alternative 2: Two Lanes with Median	Alternative 3: Three Lanes No Median	Option A: EEA to SWR Bike Lane
Project Costs	\$0	\$1,010,000	\$2,260,000	\$310,000
PURPOSE AND NEED				
Complete a missing bicycle link	No	Yes	Yes	Yes
Support goals for active mobility	No	Yes	Yes	Yes
Facilitate use by all ages and experience	No	Yes	Yes	Yes
IMPACTS				
Traffic Operations	Does not address U-turn at SWR	Does not address U-turn at SWR	Addresses U-turn at SWR	None
Safety	No Improvement	Improved	Improved	Improved
Right-of-way	None	Minor	Minor	None
Environmental	None	None	None	None
Cultural Resources	None	None	None	None
Utilities/ Drainage	None	None	Drainage Modifications	None
Stormwater	No Change	Minor Change/ No Permit	Change w/Treatment Opportunity	Minor Change/No Permit



# Questions and Input

- Are there any issues or concerns with various alternatives?
- Is there a preferred alternative?

# Next Steps

- Review meeting with PAC members
- Seek preferred alternative endorsement from Village Trustees.
- Publish final scoping report
- Seek funding for construction



# Thank you!

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Greg Edwards, Stantec:

[greg.edwards@stantec.com](mailto:greg.edwards@stantec.com)

Project Website:

<https://www.ccrpcvt.org/vt15-bicycle-pedestrian-study-ethan-allen-ave-west-street/>