

Guilford US 5 Bridge over Broad Brook Public Information Meeting

May 3, 2016

Purpose of tonight's meeting

- Provide Update on Project
- Present Final Design
- Hear & Respond to Concerns
- Introduce Project Team

Project Team

- **Rob Young, P.E.**

Project Manager - VTrans

- **David Kull, P.E.**

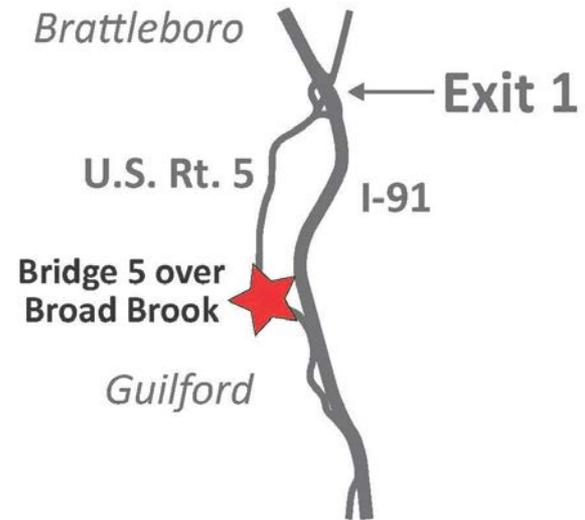
Design Consultant – McFarland Johnson

- **Jill Barrett**

Public Outreach & Communication

An important Guilford road

- Route 5 is a Major Connecting Road
- In heart of Algiers Village
- About 1 ½ miles south from I-91, Exit 1

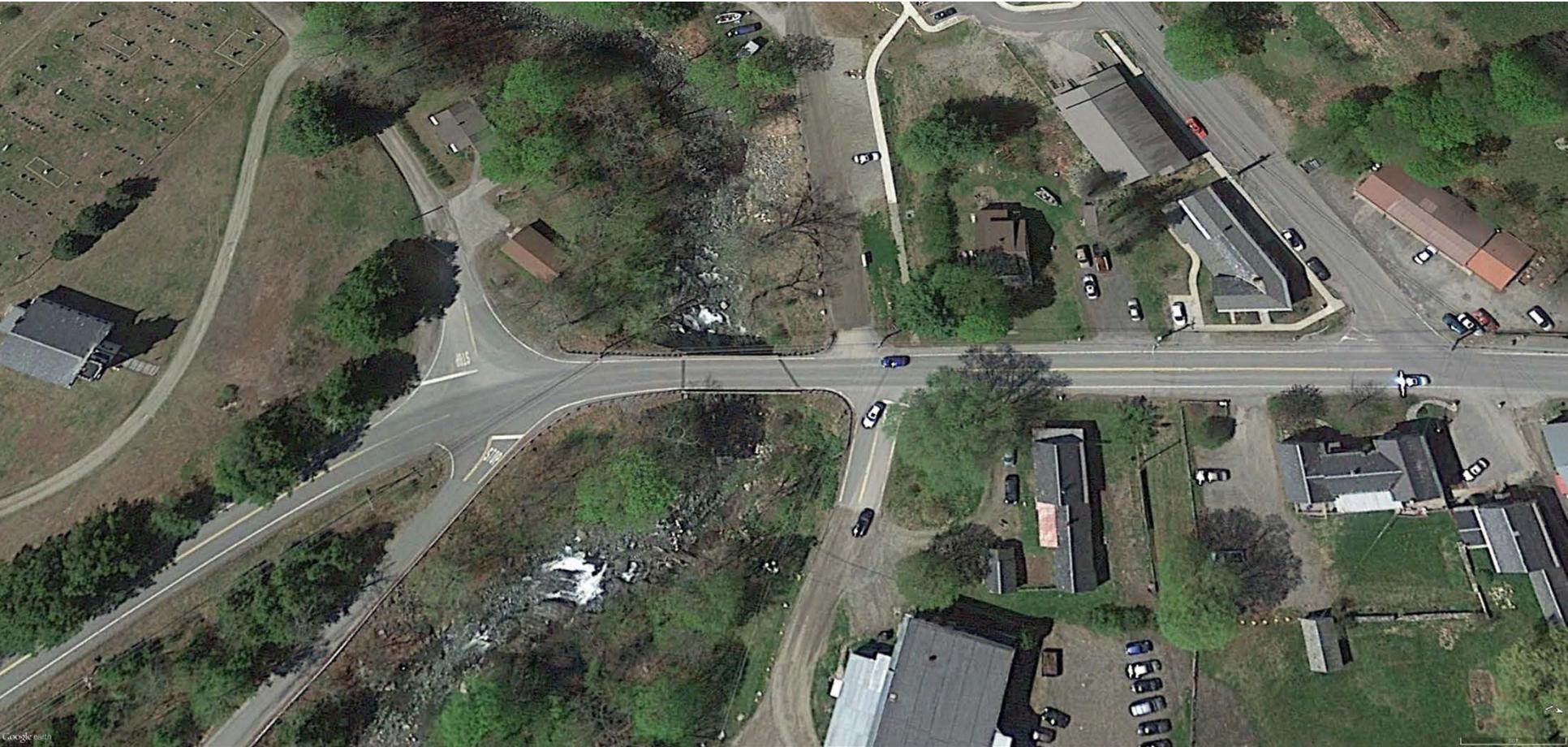


Existing Bridge Condition

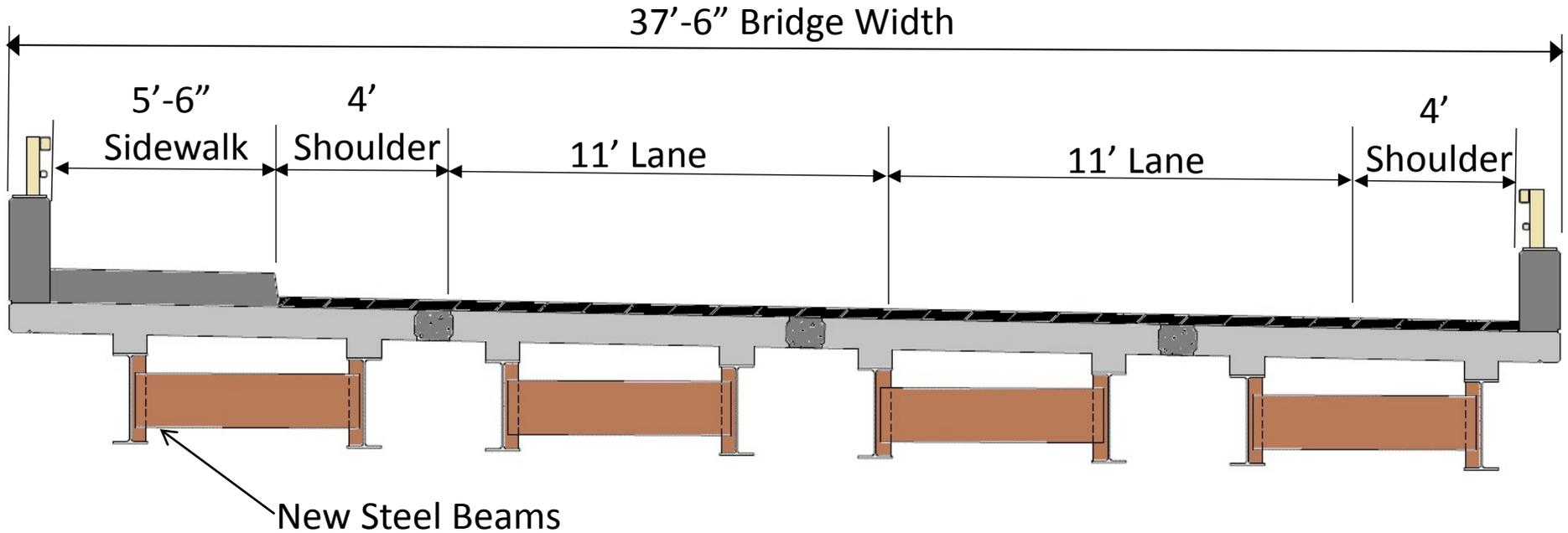
- Bridge Deck – Satisfactory
- Bridge Superstructure – Fair
- Bridge Substructure - Poor



Existing Site – Aerial View



Proposed Bridge



Proposed Bridge Rail



**A Combination of a
Concrete and Steel
Bridge Railing Painted
Black**



Accelerated Bridge Construction

“Get In – Get Out”



Accelerated Bridge Construction

“Get In – Get Out”



Proposed Bridge

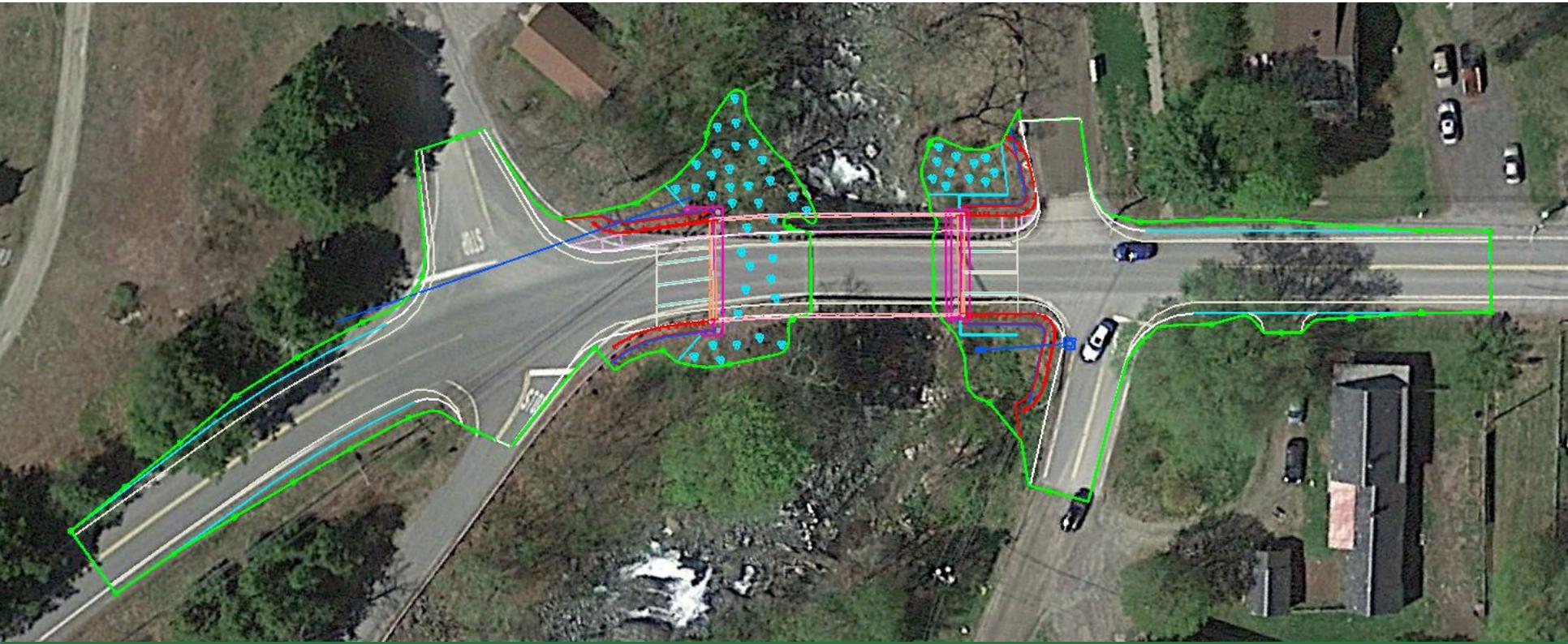
Proposed vs Existing Comparison



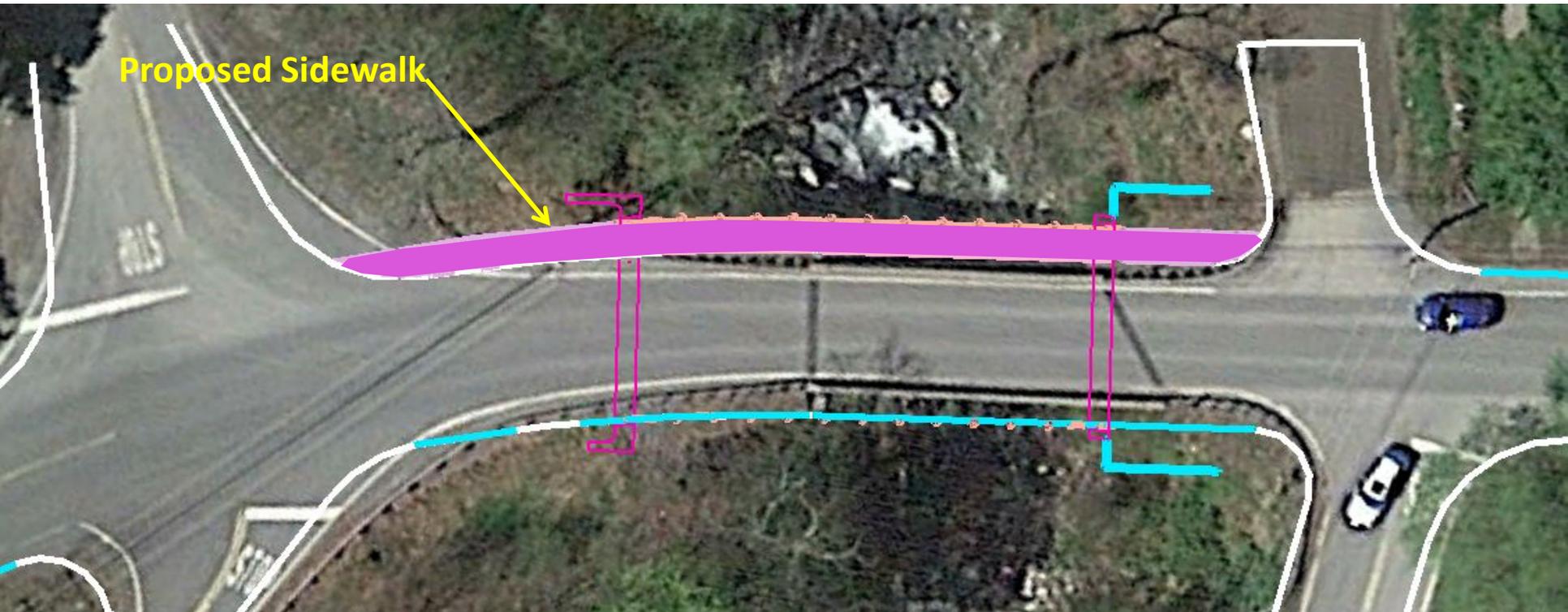
	<u>Proposed</u>	<u>Existing</u>
• Bridge Width	37'-6"	23'-6"
• Span Length	85'-0"	53'-0"
• Sidewalk Width	5'-6"	None

06.03.2013

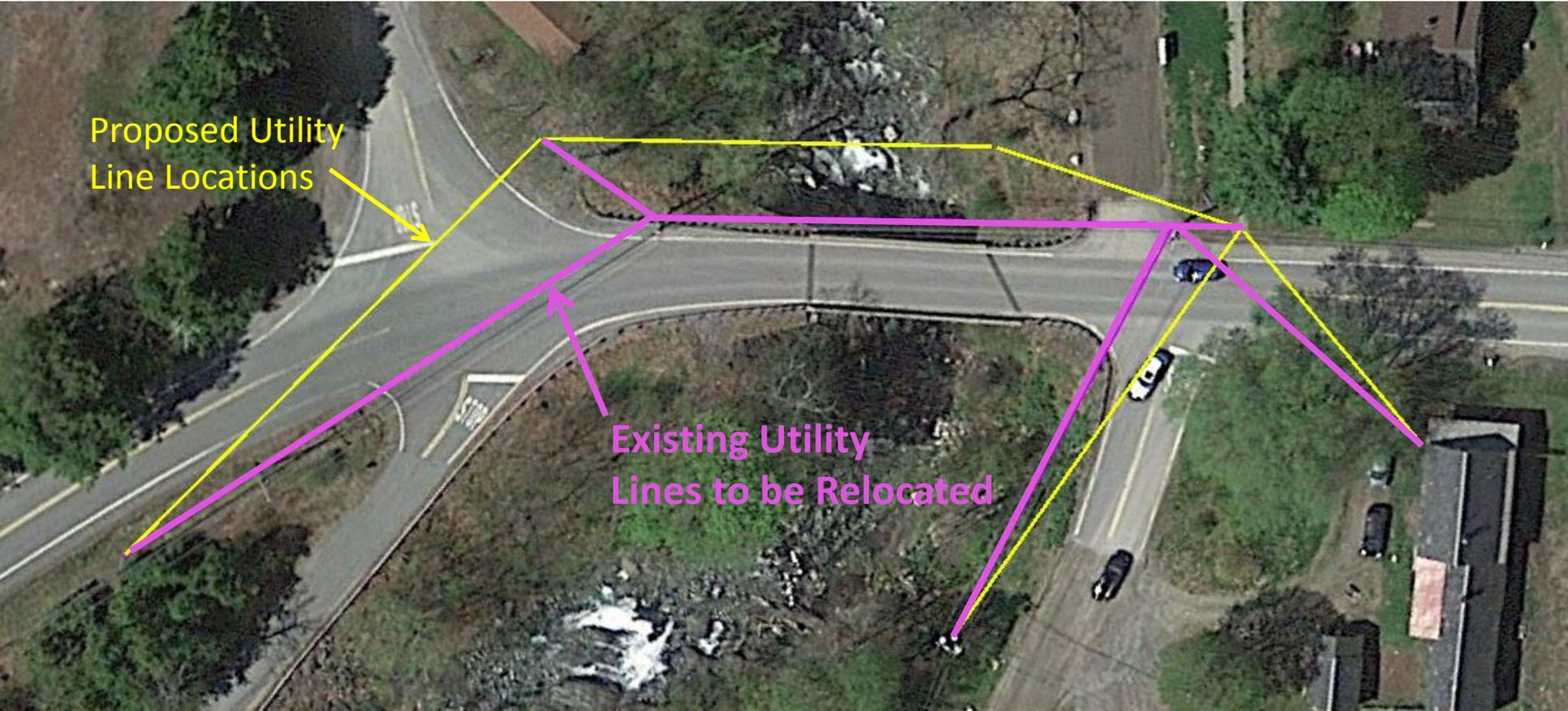
Proposed Site



Proposed Site



Proposed Utility Relocation



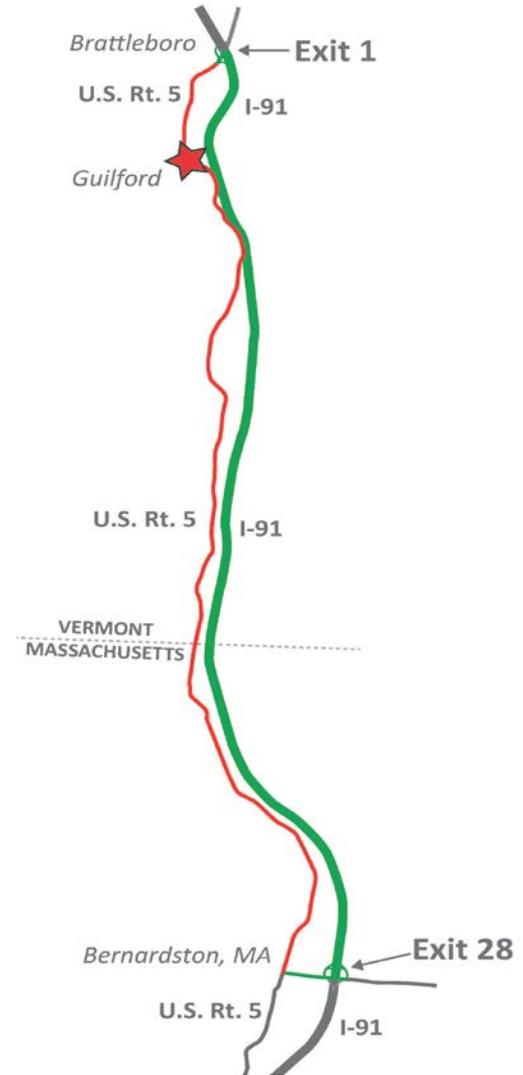
Proposed Utility
Line Locations

Existing Utility
Lines to be Relocated

Proposed Detour

Detour Summary

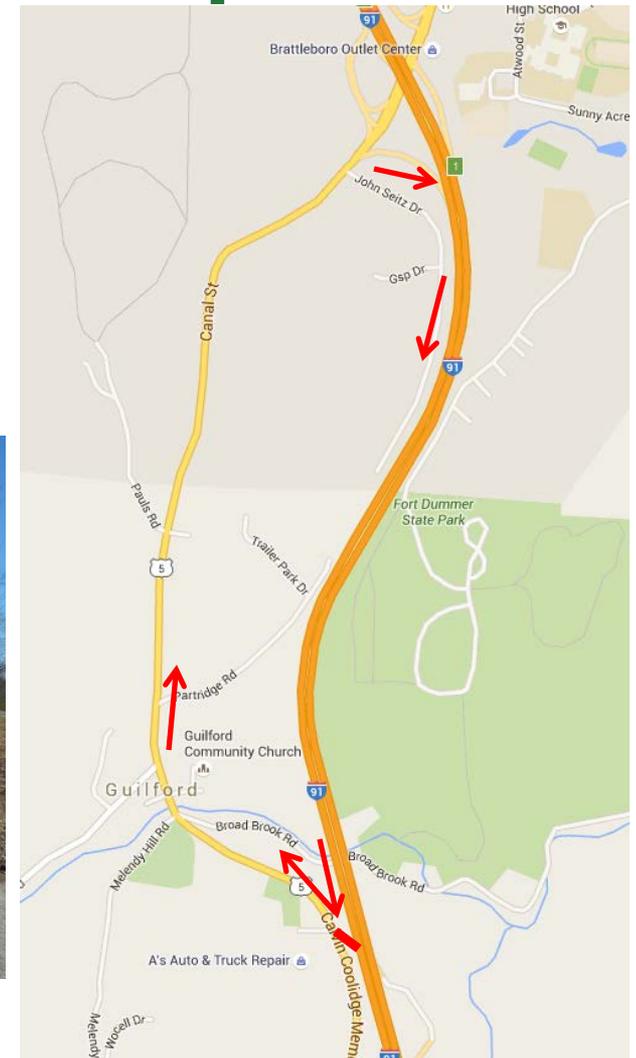
- End-End = 25 miles



Response to Public Concerns

How will fire department respond to an emergency?

- Fire Equipment will be allowed to use gated I-91 emergency access ramp to reach locations south of the bridge.
- Through detour length reduced to **3.5 miles end-end**.



How will I get mail delivered?

- Customers who live south of the bridge but get mail on Grist Mill Road will have new temporary mail boxes along the I-91 emergency access road



Can we get to I-91 north via the Welcome Center's access gate?

- No. This would violate a 1997 emergency gate (on Broad Brook Rd) agreement between the Town & State.
- Adding through traffic into a parking lot would pose safety problem.
- Bridge closure would occur during peak travel season.



Project Schedule

- Project Advertised – October, 2016
- Begin Pre-Closure Activities – April/May, 2017
- Bridge Closure – Summer, 2017
- Project Completion – End of Summer, 2017
- **Estimated Bridge Closure Duration – 28 Days**

Project communications

- VTrans will keep public informed throughout the project via:
 - ✓ www.us5bridgeguilford.vtransprojects.vermont.gov.
 - ✓ Weekly traffic alerts during construction
 - ✓ Pre-construction public meeting – Spring 2017
 - ✓ Telephone hot-line – 802-272-1248
- Public Outreach & Communication Coordinator

Jill Barrett

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Questions?