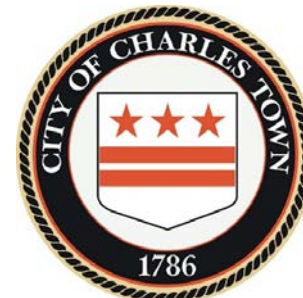
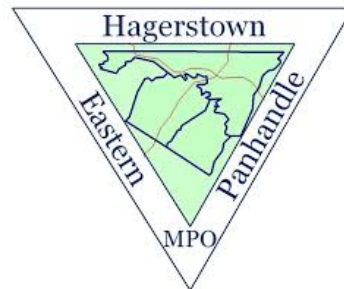


Welcome to our Virtual Public Meeting

- Getting Started
 - The presentation will start soon
 - You may not hear sound until the meeting begins
- Submitting Questions/Comments
 - Click on the “Chat”
 - Type your question/comment in the chat box
 - Send your comment
 - Questions and comments will be addressed at the end of the presentation
- **We will be with you soon!**



Virtual Public Meeting Format

- PowerPoint presentation at 6:00 PM and 7:00 PM
 - (same presentation at both times)
- Questions can be sent to the presenters using the chat box during the presentations. This can be used throughout the meeting.
- Questions and comments will be read and addressed at the end of the presentation
- The meeting will be recorded and available on the project website for viewing after the meeting
 - <https://arcg.is/W58Dq>

Virtual Public Meeting Format

- This meeting will be recorded, and all comments are public record
- Please keep comments/concerns relevant to this project and as specific as possible
- When submitting comments/concerns, please keep them respectful. Comments using demeaning, derogatory, or inflammatory language will not be responded to.
- The moderator will receive public comments/concerns in real time as they are submitted and read them aloud during the question-and-answer period at the end of the presentation
- There will be instances in which we will respond to questions in writing following the meeting if there is not adequate time to answer or if information must be gathered to respond.

Comments

- You may comment online
 - <http://www.cmtran.com/wv51>
 - <https://arcg.is/W58Dq>
- You may comment in writing (via email or USPS) or phone call
 - Email: Matt Mullenax at mmullenax@hepmpo.net
 - Phone: Matt Mullenax at (240) 313-2081
 - USPS mail (postmarked by May 8, 2021):

Mr. Elwood Penn, IV, PE
Director, Planning Division
West Virginia Division of Highways
Building 5, Room 740
1900 Kanawha Boulevard East
Charleston, WV, 25305

- The comment period ends May 8, 2021

Team Overview



Brian Carr, PE

West Virginia Division of Highways (WVDOT) will be leading and managing the project



Matt Mullenax, GISP

Hagerstown/Eastern Panhandle Metropolitan Planning Organization (HEPMPO)



Robert M. Trainor, Mayor

City of Charles Town



Gina Balsamo, PE

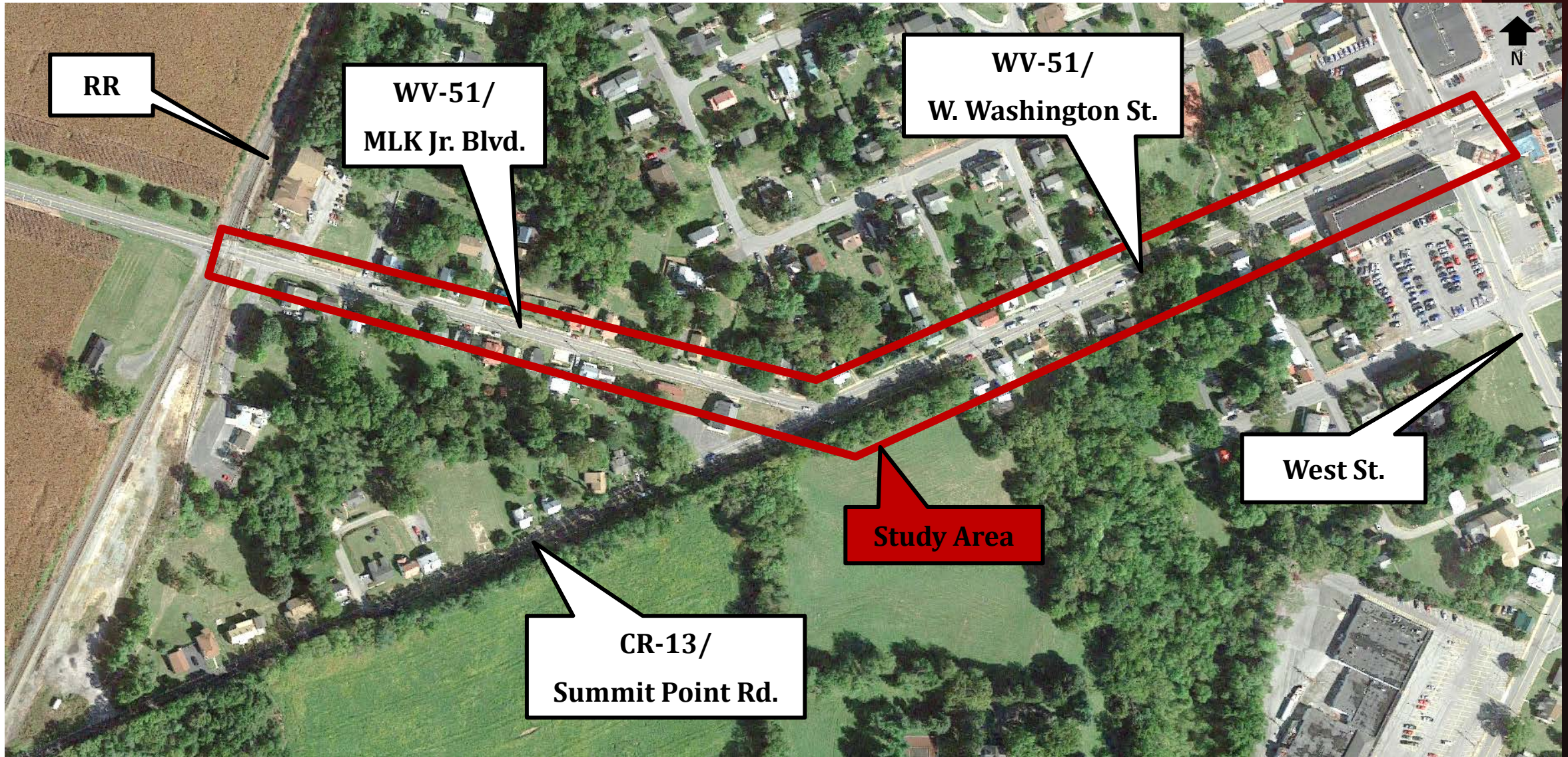
Engineering and Traffic Analysis Consultant working on the feasibility study



**CARPENTER
MARTY** *transportation*

**WV 51 Feasibility Study
Public Meeting
4.8.2021**

Project Area Overview



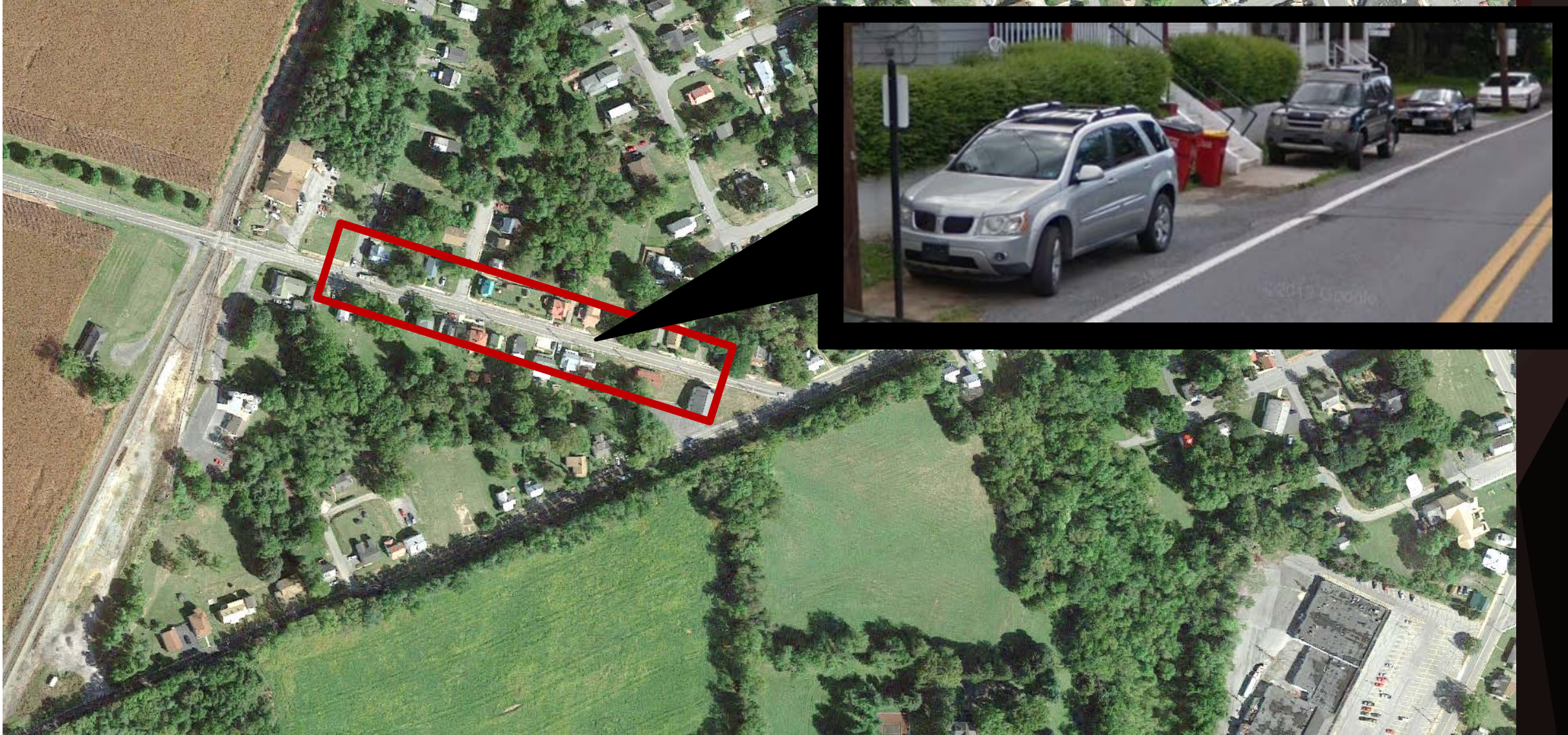
Project Scope Overview



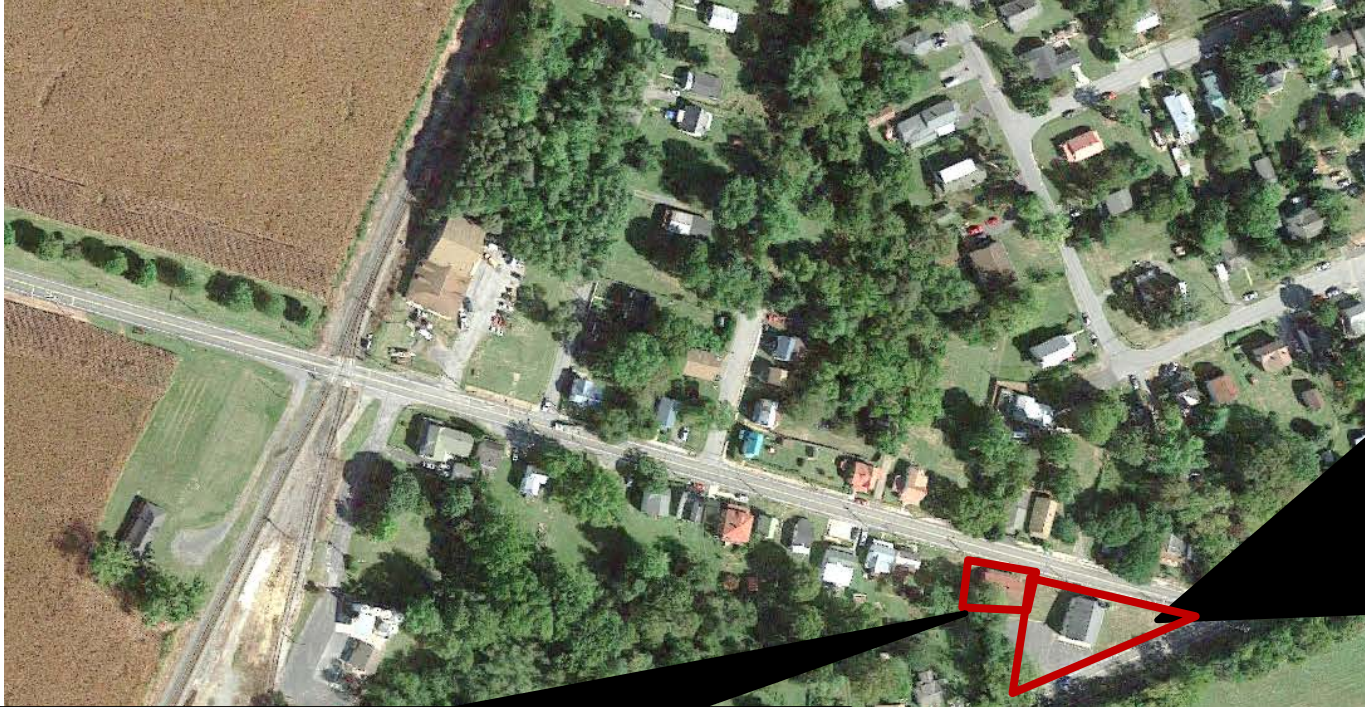
CM is determining the feasibility of:

- Installation of a roundabout, traffic signal, or other alternative at WV-51 & CR-13 intersection
- Vehicular, pedestrian, and bicycle safety and mobility improvements
- Sidewalk installation
- ADA accessibility of sidewalks and curb ramps
- Bicycle lane
- Stormwater management
- Midblock crossing at Evitts Run Park
- Lighting
- Landscaping
- Traffic calming solutions
- Existing on-street parking
- Utility relocation
- Right-of-way impacts

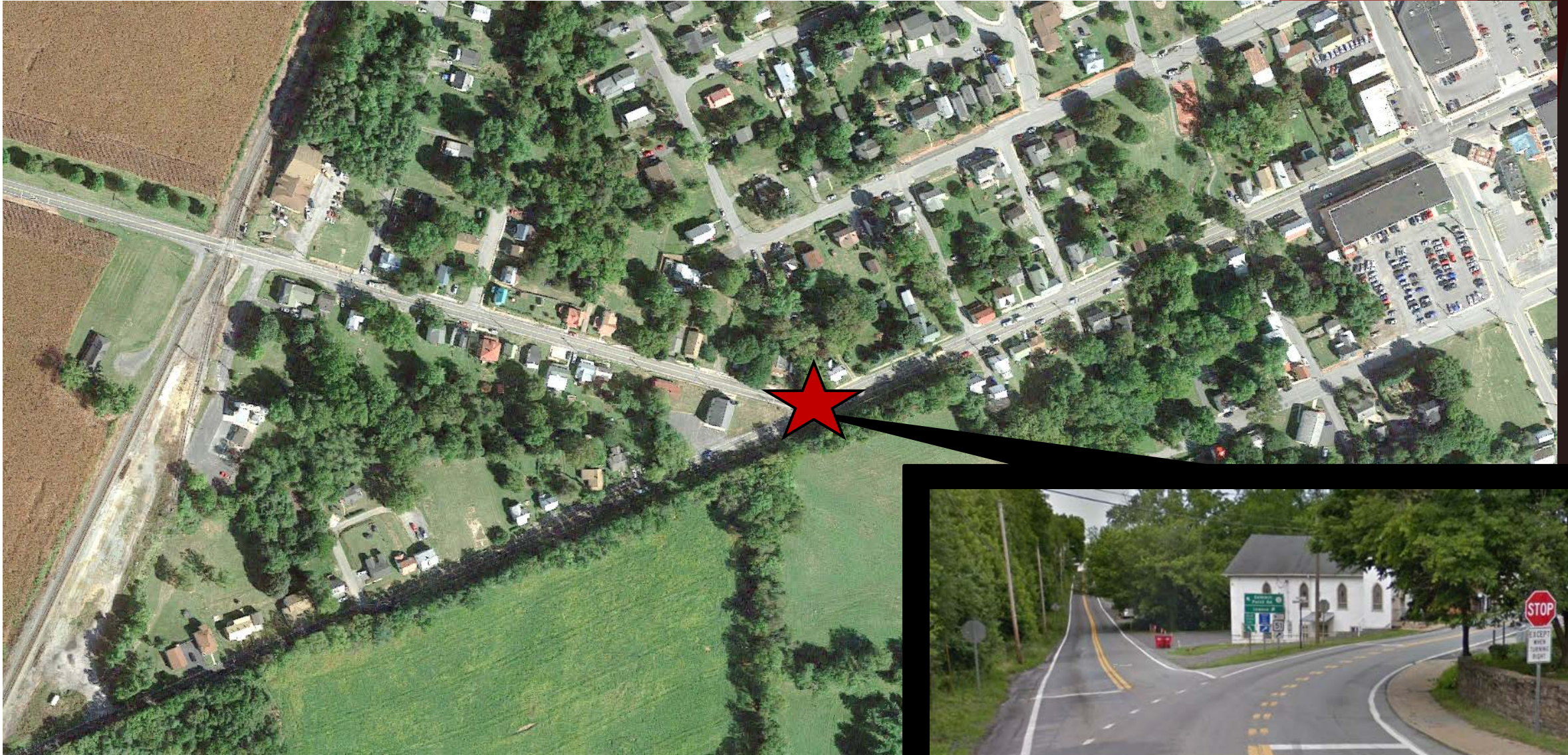
Summary of Field Review Findings



Summary of Field Review Findings



Summary of Field Review Findings



Summary of Field Review Findings



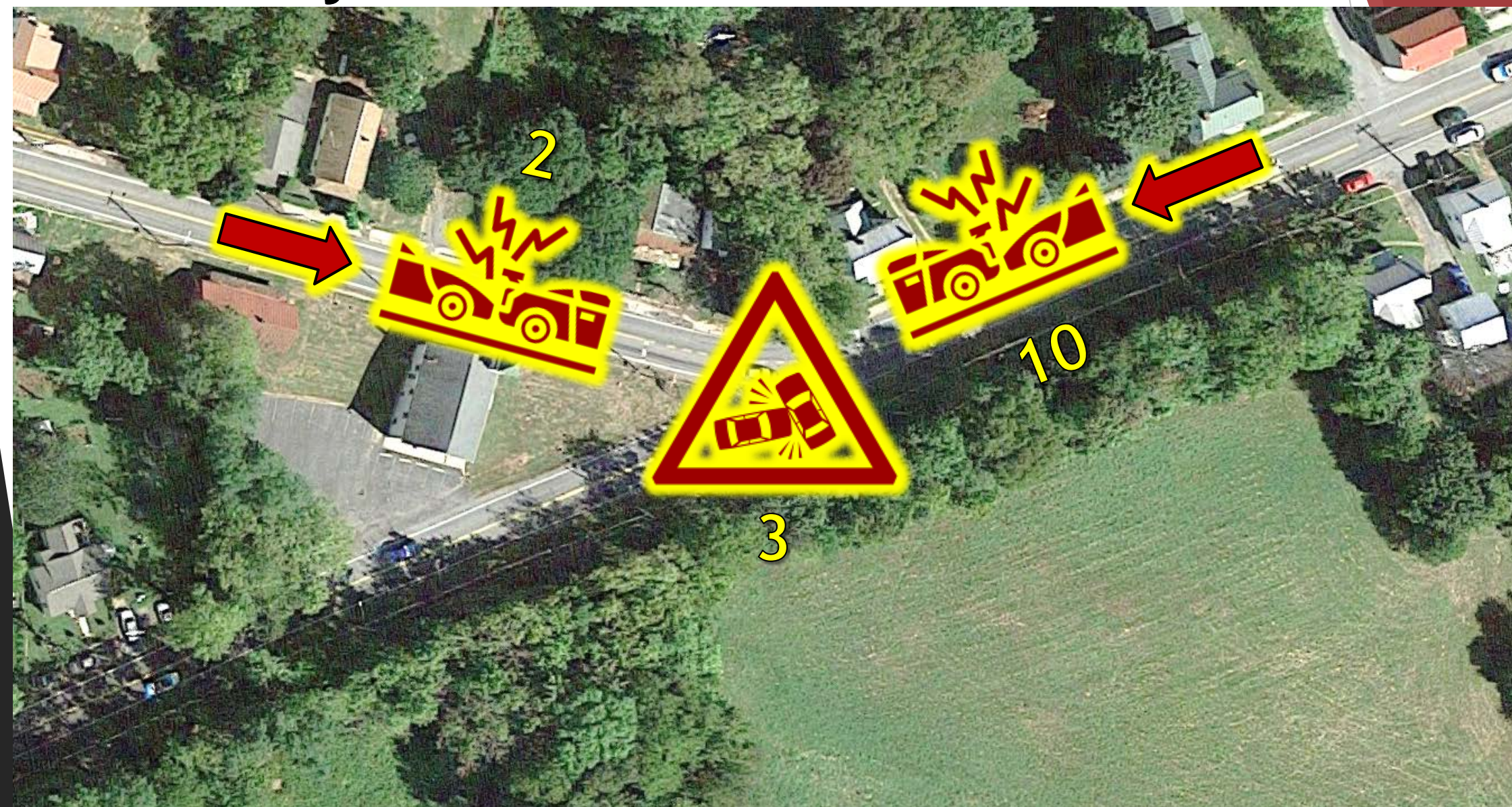
Summary of Field Review Findings



Summary of Crash Information

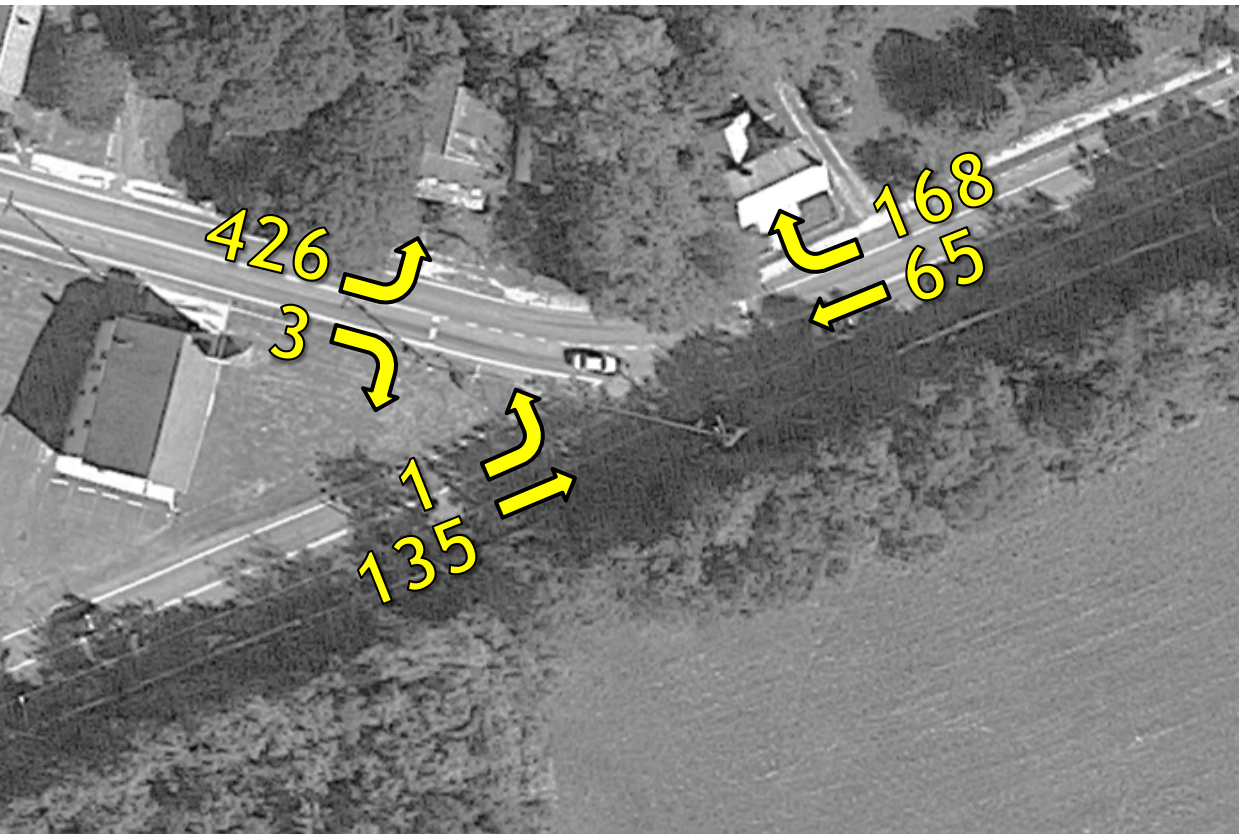
- Crash data from 2015-2019 was obtained
- 45 crashes in the study area
- 17 injuries total
- Primary crash types include rear end, sideswipe-passing, angle, and fixed object
- One bicycle crash occurred west of Evitts Run Park
- One pedestrian crash occurred east of West Street
- Crash rate on the roadway segment is 2.6x higher than the statewide average based on the segment length and daily traffic volumes

Summary of Crash Information

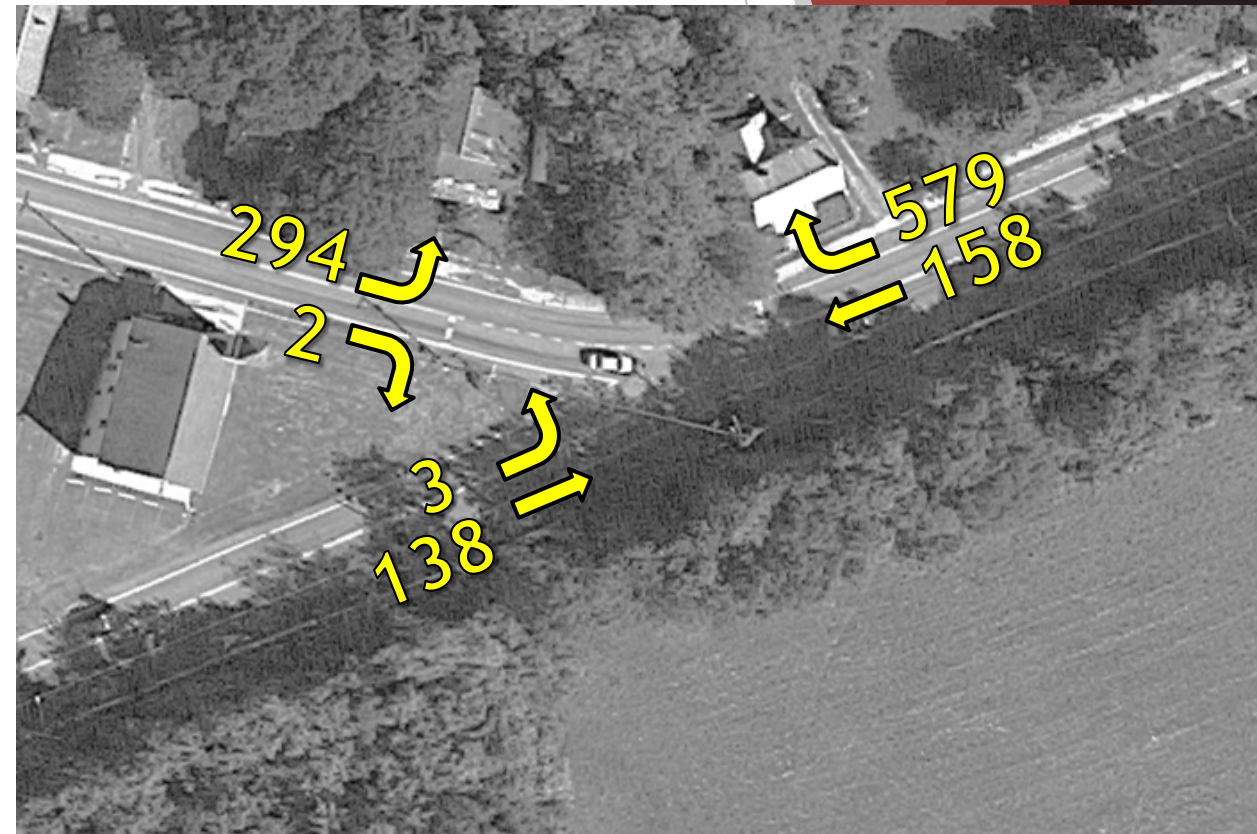


Summary Traffic Count Data

AM Peak (7:30-8:30)



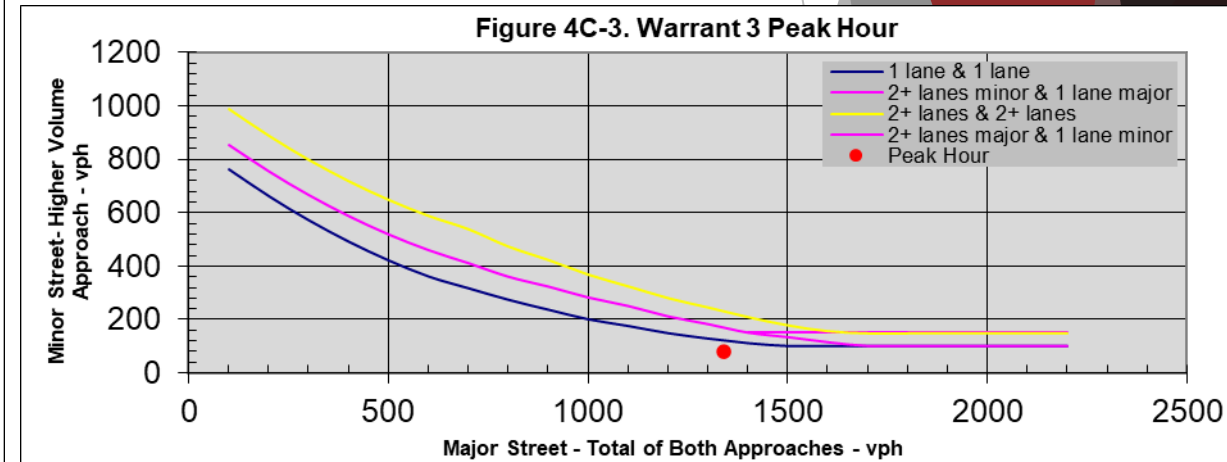
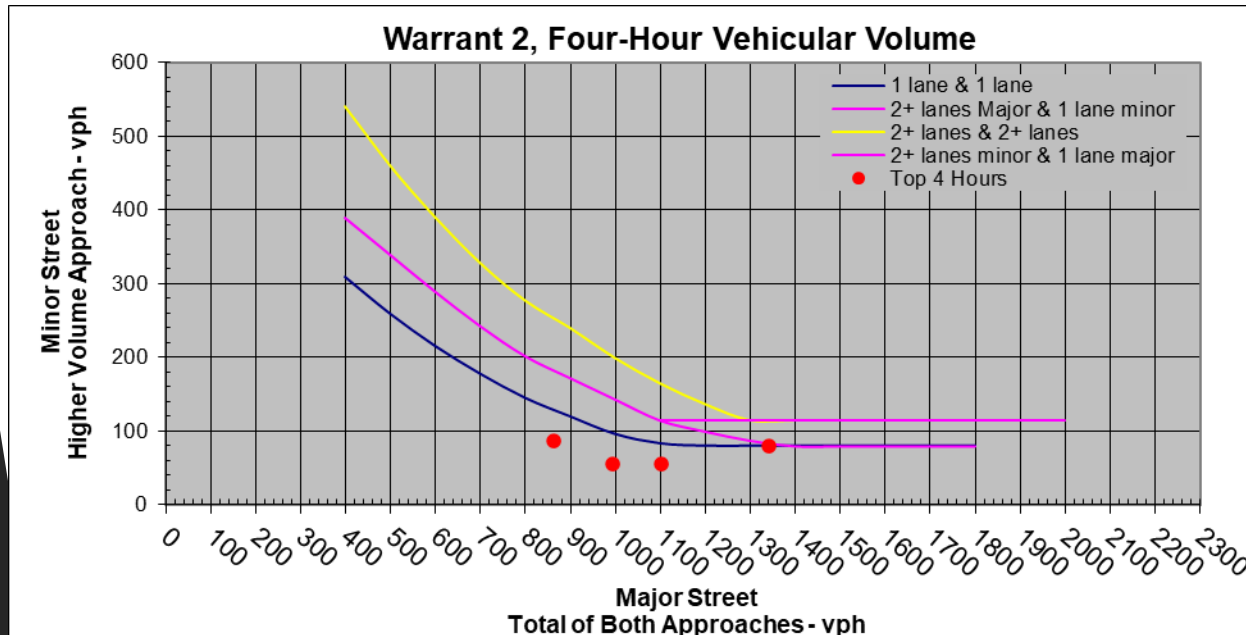
PM Peak (4:45-5:45)



Collected June 12, 2019

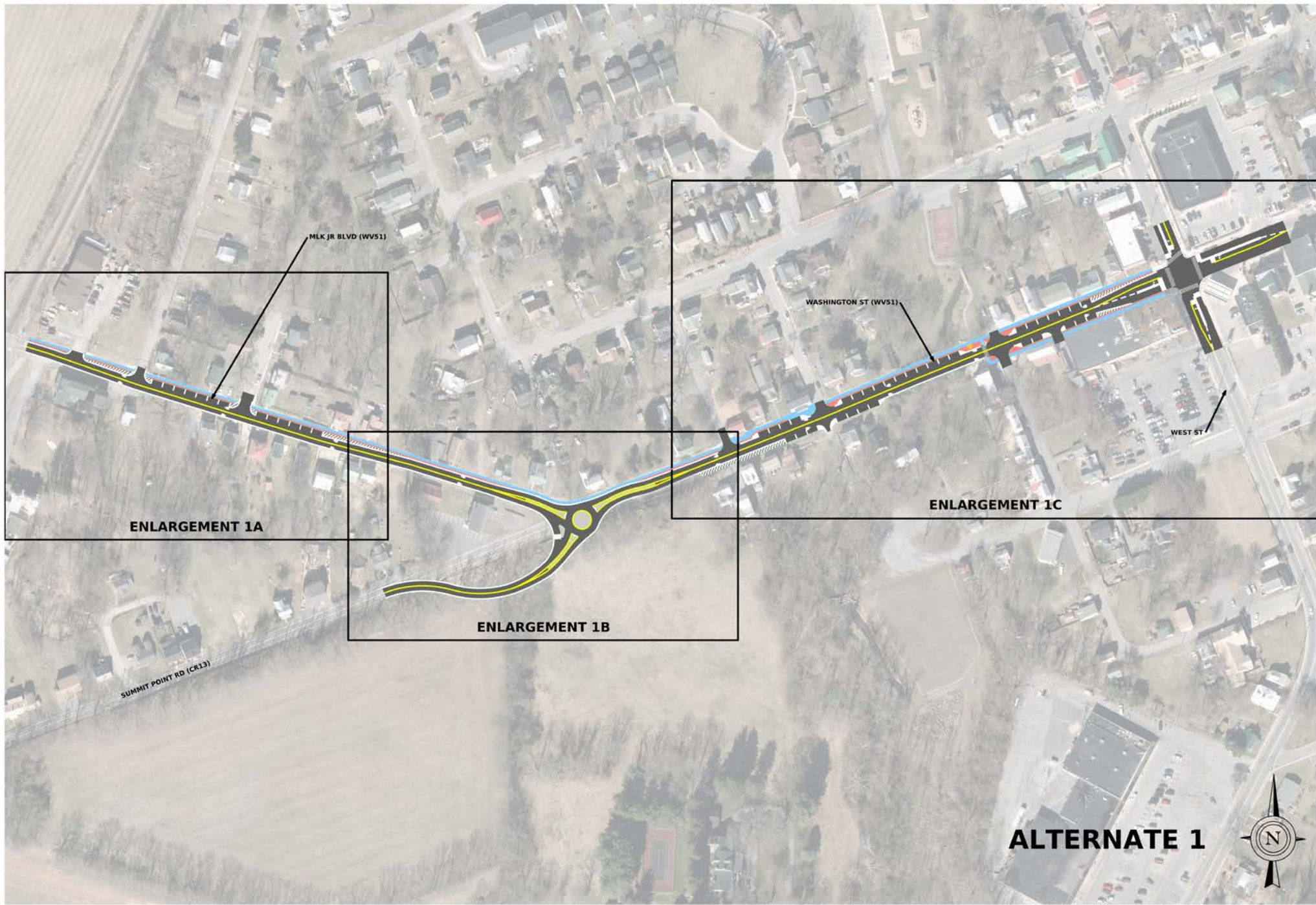
Signal Warrant Analysis

- Warrant 1: Eight-Hour Vehicular Volume
- Warrant 2: Four-Hour Vehicular Volume
- Warrant 3: Peak Hour



Summary of Alternatives Being Investigated

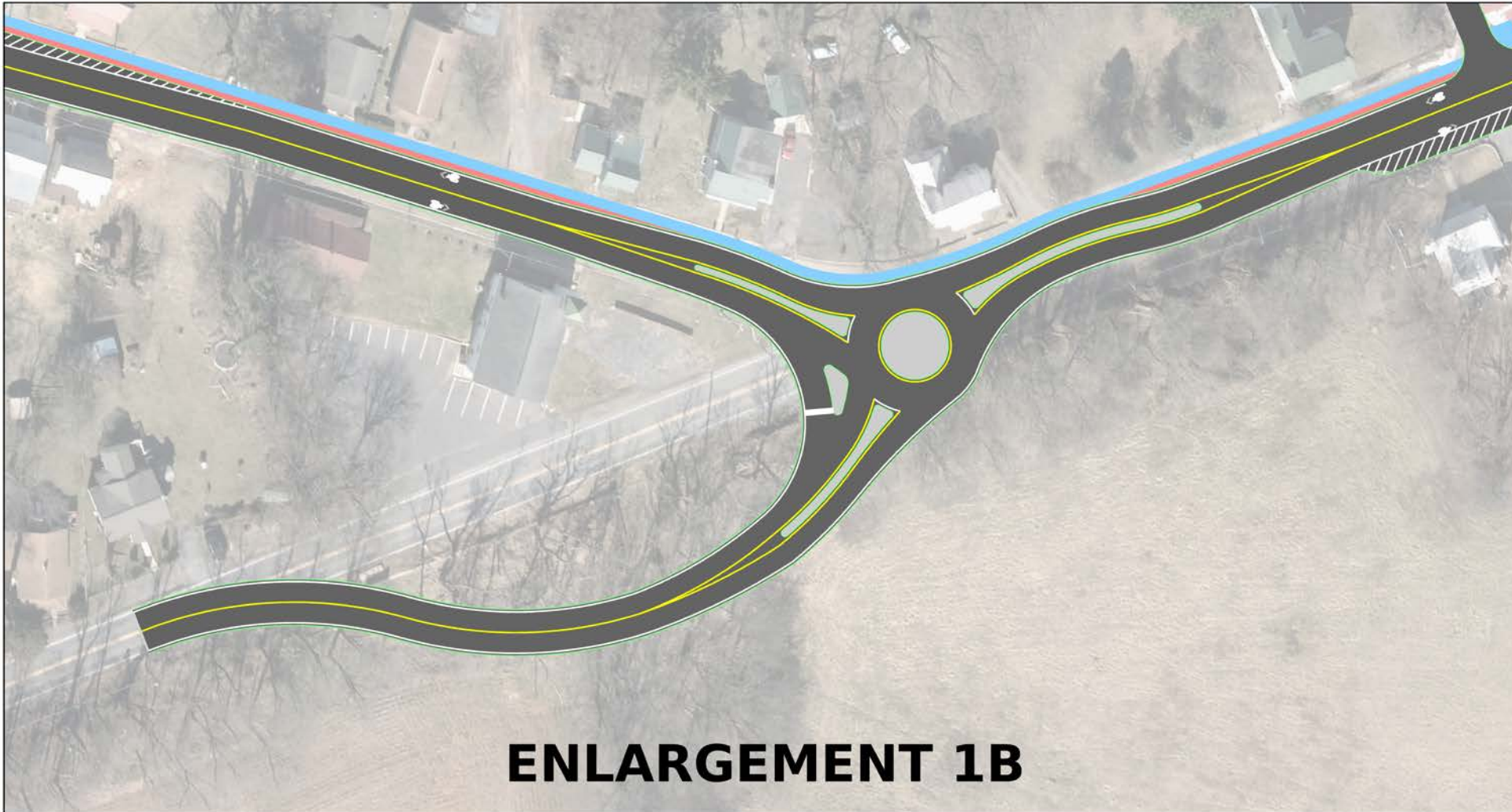
- Alternatives 1-3
- Places where intersections are shown, different options of stop-control, roundabout, or signal can be considered
- Some recommendations are common with all
- Some other high-level recommendations will be made, such as railroad crossing treatments, lighting, utilities underground, curb ramps, drainage
- These are preliminary
- We want your feedback!



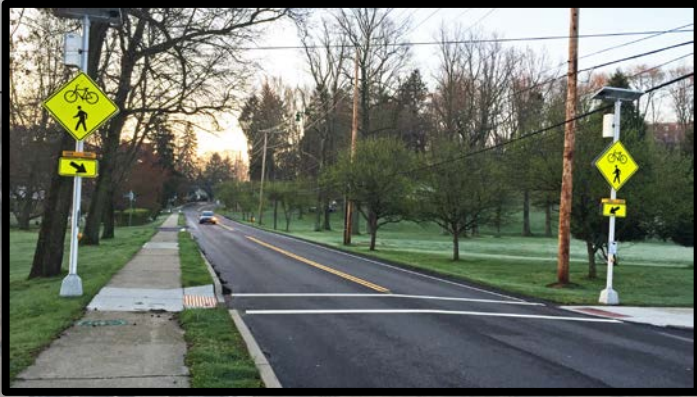


ENLARGEMENT 1A





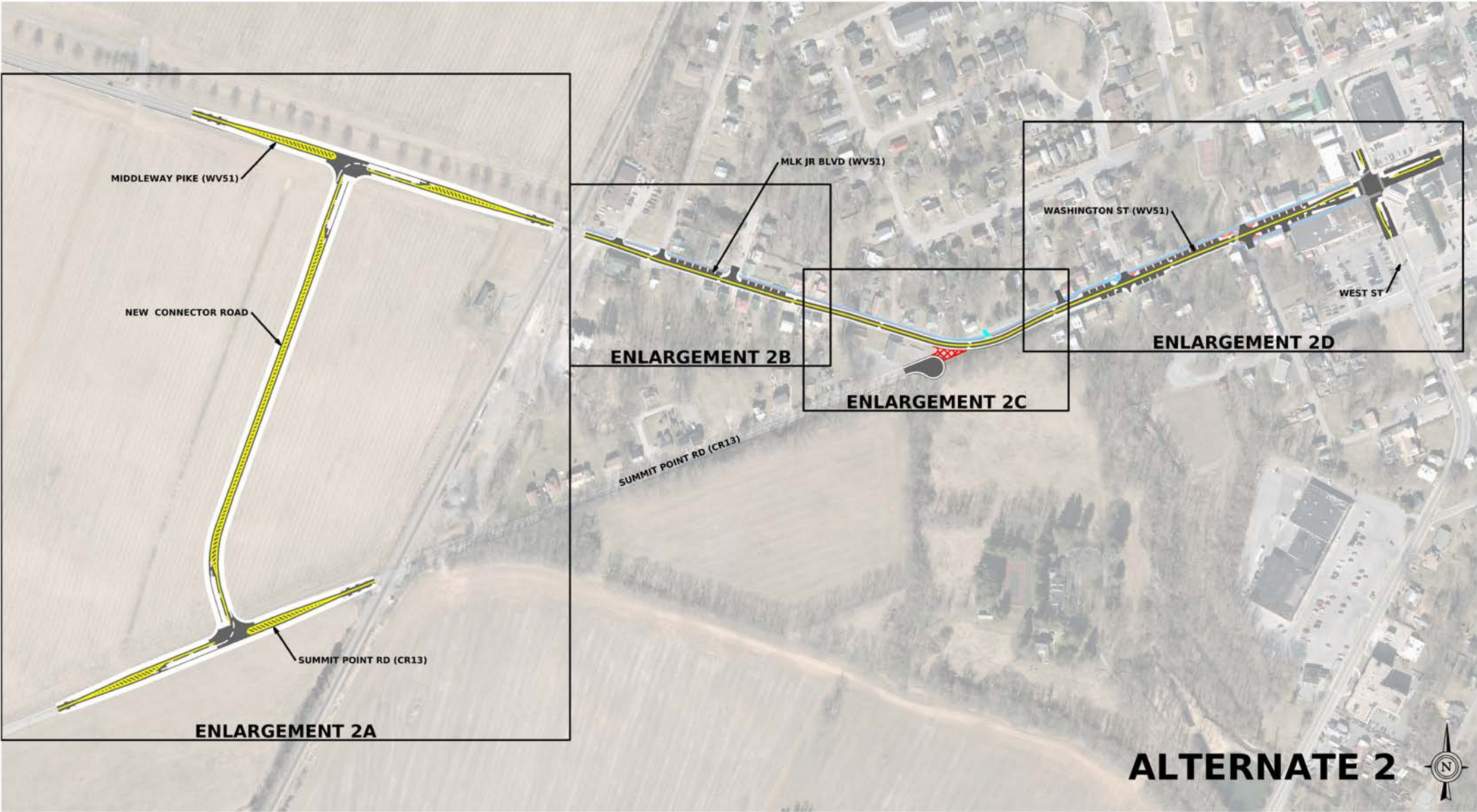
ENLARGEMENT 1B



MID-BLOCK CROSSING
WITH RECTANGULAR
RAPID FLASHING BEACONS
(RRFBs)

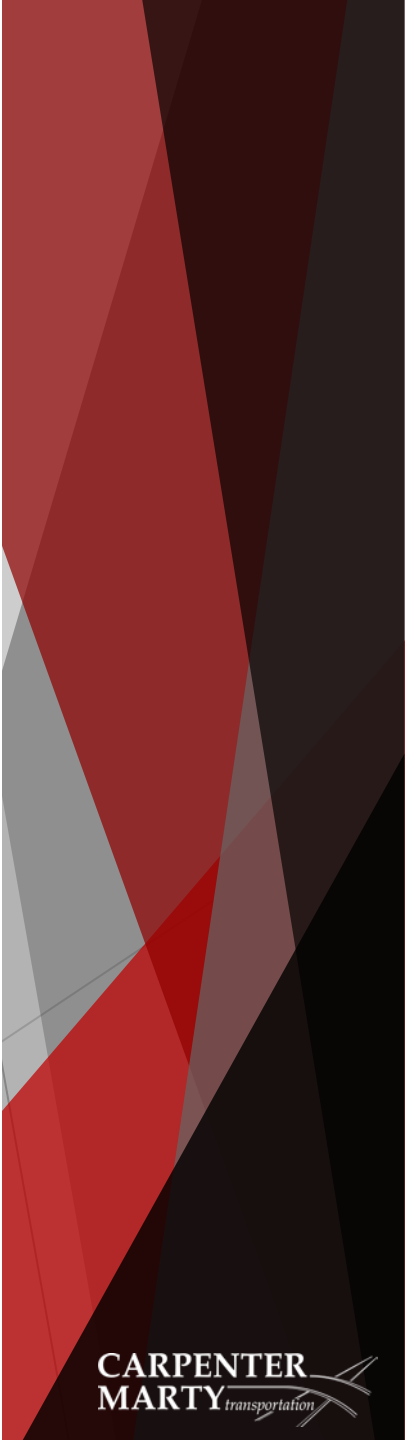
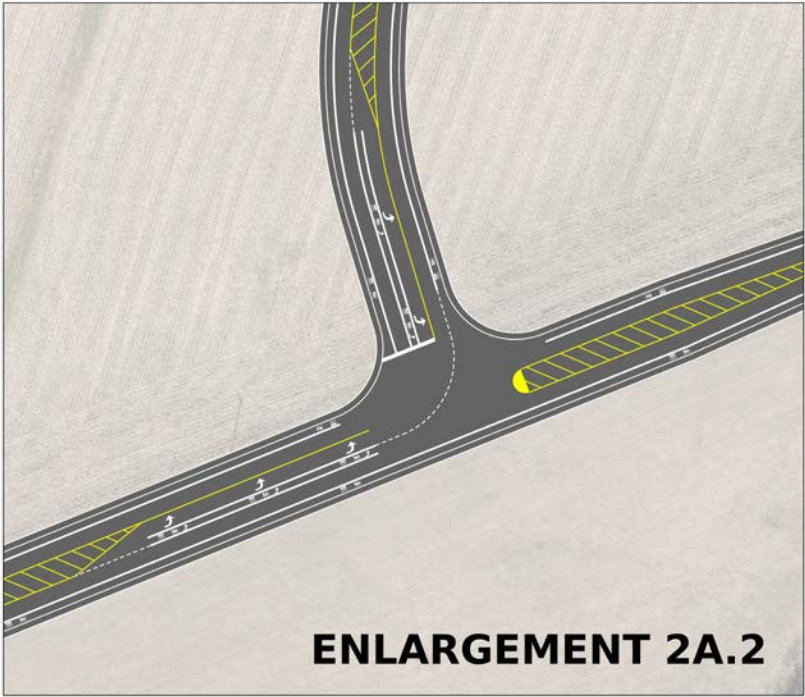
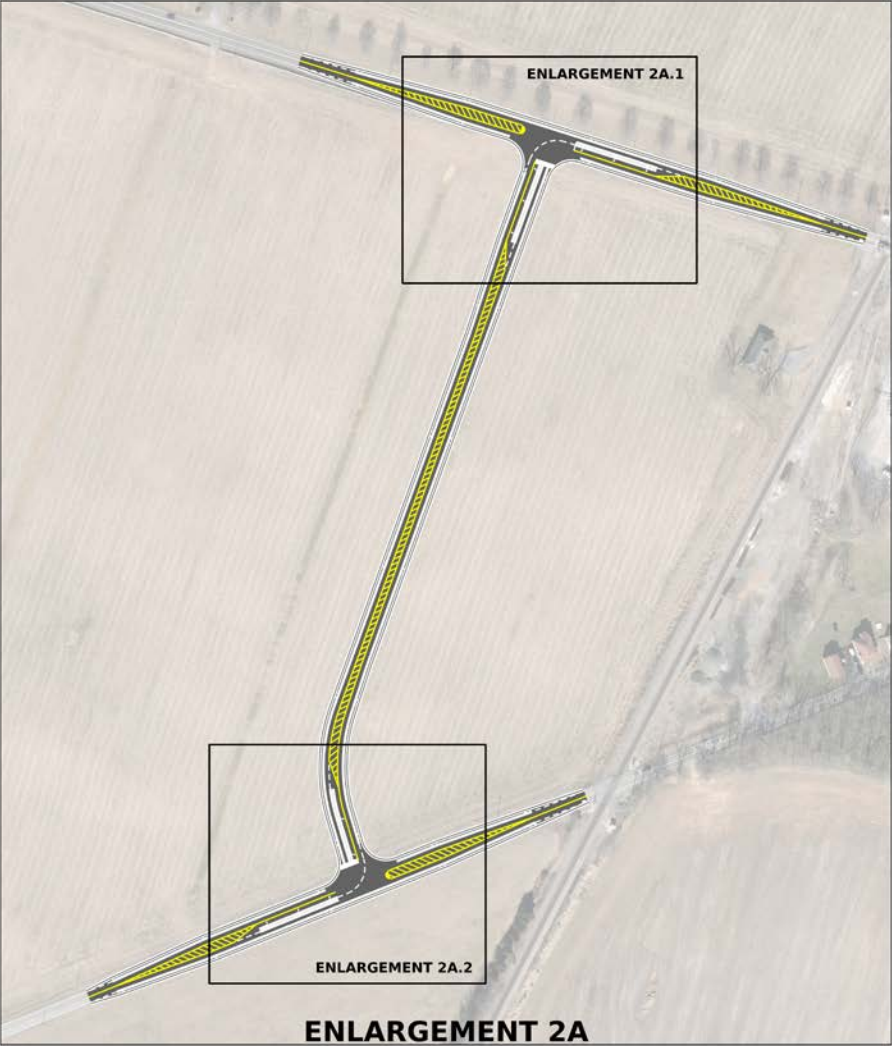


ENLARGEMENT 1C



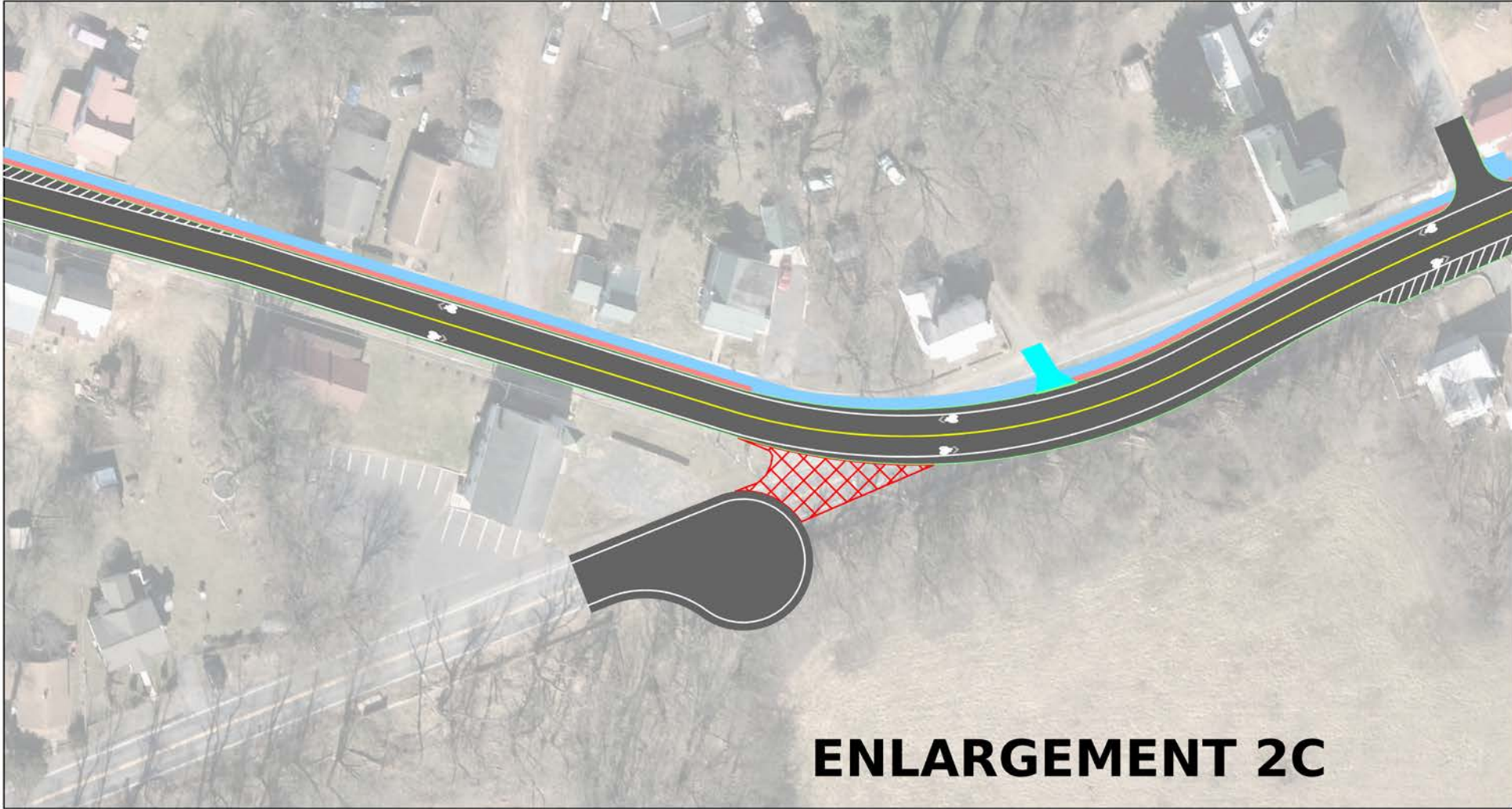
ALTERNATE 2







ENLARGEMENT 2B

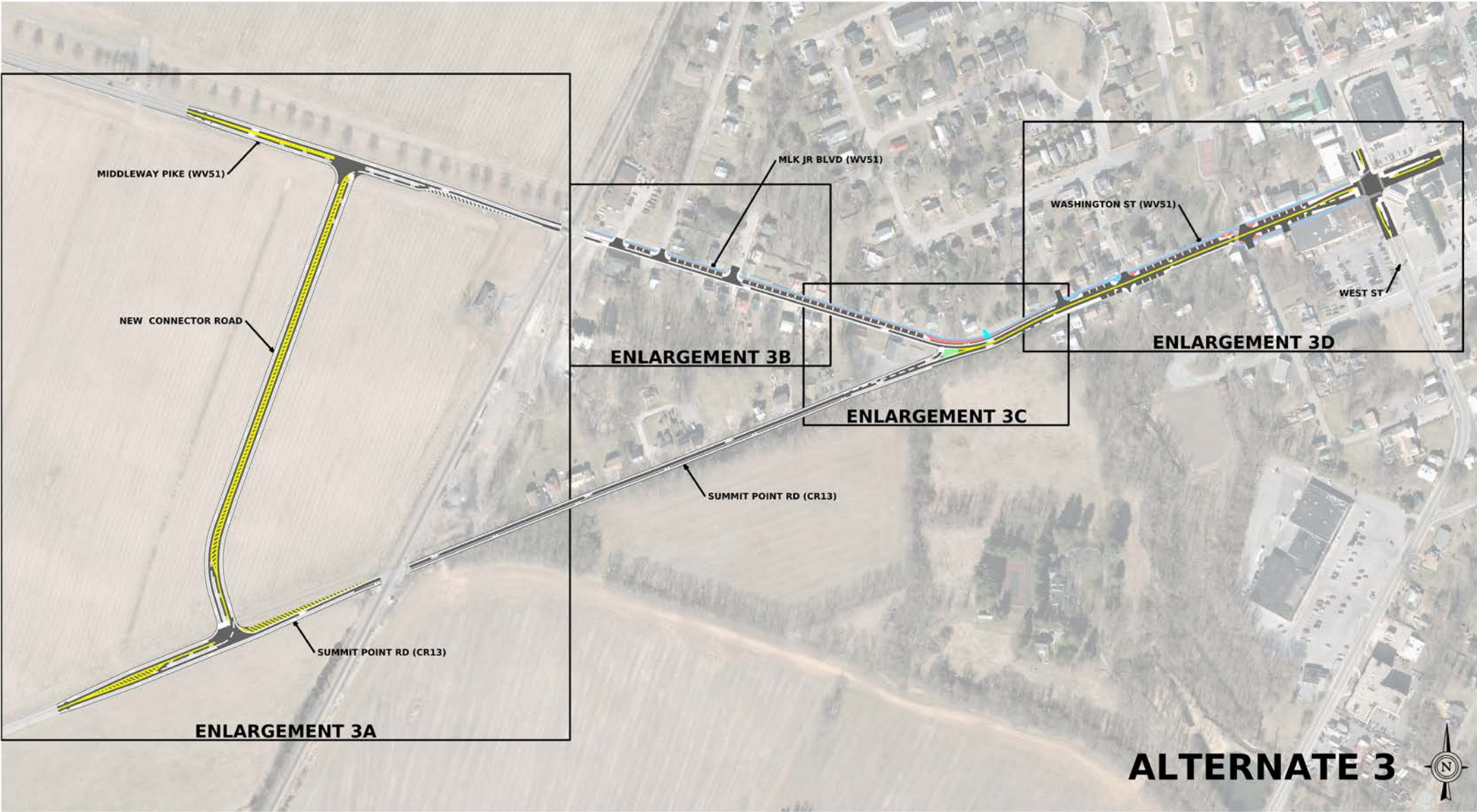


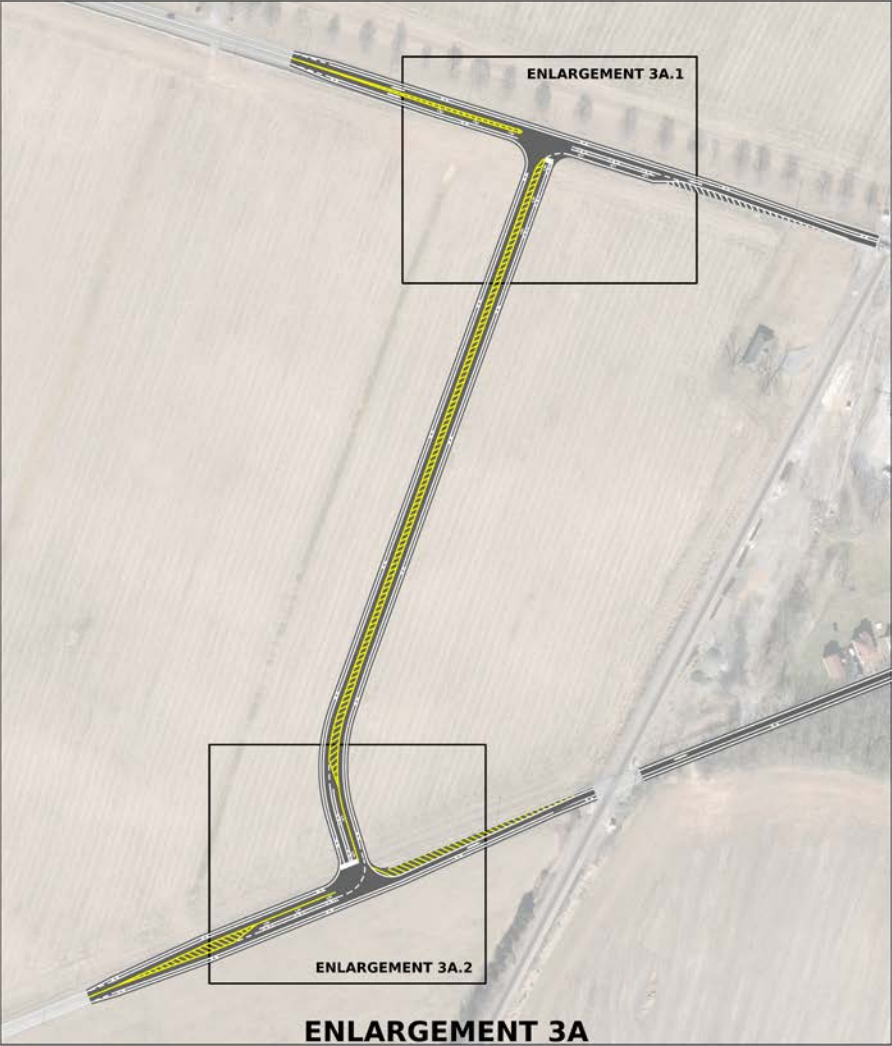


**MID-BLOCK CROSSING
WITH RECTANGULAR
RAPID FLASHING BEACONS
(RRFBS)**



ENLARGEMENT 2D

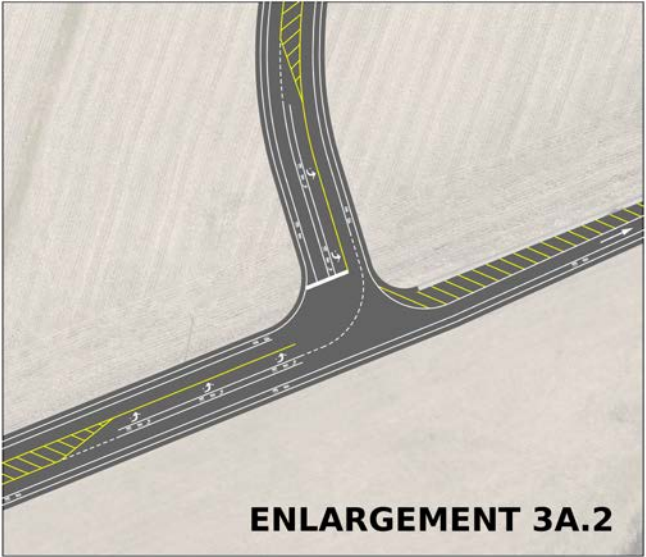




ENLARGEMENT 3A



ENLARGEMENT 3A.1



ENLARGEMENT 3A.2



ENLARGEMENT 3B





**MID-BLOCK CROSSING
WITH RECTANGULAR
RAPID FLASHING BEACONS
(RRFBS)**



ENLARGEMENT 3D

Schedule

- February Field Review
- March Stakeholder Meeting
- 4/8/21 Public Meeting
- 4/26/21 Submit Draft Report
- ~5/3/21 Stakeholder Meeting & Report Comments
- 5/8/21 Public Comment Period Ends
- 5/17/21 Submit Final Report

Comments

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 - <http://www.cmtran.com/wv51>
 - <https://arcg.is/W58Dq>
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Questions?

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- We will start addressing your questions/comments now





Thank you!