



East Montpelier Alternatives Work Session

Agenda & Notes

September 12, 2017

AGENDA

1. Introductions
2. Purpose of Meeting and Instructions
3. Brainstorming Session
4. Initial Evaluation
5. Next Steps

NOTES

Initial Options: Based on what we have heard so far as well as on our own thoughts, here is a list of initial options that we think should be considered as alternatives on their own or in combination with other options to be reviewed by the Steering Committee. Note that we are NOT indicating by listing these here that we support any or all of these options; it just means that they are potentials that someone either has or might suggest as a means of addressing the purpose and need of this project.

1. Reduce grade on Towne Hill Road east of the intersection to create longer sight distances.
2. Install a traffic signal to the intersection.
3. Create a paired one way road system between Gallison Hill Road and Schoolhouse Road.
4. Update existing and/or add additional signage.
5. Add west bound left-turn lane on Towne Hill Road.
6. Add east bound right-turn lane on Towne Hill Road.
7. Install exclusive right-turn lane on Gallison Hill Road.
8. Convert the intersection to a roundabout.
9. Install intersection street lights.
10. Add a painted crosswalk on Towne Hill Road.
11. Add a Rectangular Rapid Flashing Beacon sign to the intersection.
12. Work with U-32 to get more students to use the bus to reduce the number of students driving through the intersection.
13. Reduce the speed limit on Towne Hill Road.
14. Increase shoulder widths on Towne Hill Road and Gallison Hill Road.

15. Install vehicle-activated blinker signs.
16. Install flashing warning beacons.
17. Install vehicle-activated flashing warning beacons.
18. Install multi-way stop signs.
19. Install rumble strips and/or speed humps on Towne Hill Road.
20. Construct a raised table intersection.
21. Install permanent speed feedback signs on Towne Hill Road.

Evaluation: The following draft list presents the factors that we will use to evaluate and analyze the alternatives. What are we missing?

1. PROJECT DESCRIPTION

- a. Additional Right-of-Way Needed
- b. Amount of New Paving Installed
- c. Number of New Signs Installed
- d. Traffic Signal Installed
- e. Number of Permanent Easements Needed
- f. Number of Construction Easements Needed
- g. Significant Physical Constraints

2. Attributes

- a. Addresses Purpose and Need
- b. Creates Longer Sight Distances
- c. Benefits Motorists, Bicyclists, and Pedestrians
- d. Reduces Crash Potential
- e. Induces Higher Travel Speeds
- f. Order of Magnitude Cost (For Comparison Purposes Only)

3. Environmental and Cultural Impacts

- a. Wetland Impacts
- b. Wetland Buffer Impacts
- c. Tree Removal
- d. Steep Slope Disturbance
- e. Adverse Historic Resource Impacts
- f. Utility Pole Disturbance
- g. Stormwater System Disturbance

- h. Stormwater Impacts
- i. Residential Impacts
- j. Traffic Increases on Nearby Roads
- k. Potential for Future Walking & Bicycling Improvements
- l. Other Potential Impacts