

Maple Road | Williston, VT Multimodal Scoping Study



**Local Concerns Meeting
January 11, 2017**



Agenda & Overview

Project Background

Review Existing Conditions

Schedule & Next Steps

Comments & Discussion



Town of Williston





The Town of Williston, with assistance from the Chittenden County Regional Planning Commission (CCRPC) is conducting a scoping study for Maple Road.

“Scoping” is the phase in the Project Development process that moves a recognized problem from an idea through the development of alternatives and environmental screening.

Project Study Area

Locus Map



Project Study Area

Roadway Characteristics – Typical



Natural Resources

Existing Resources and Built Environment



LEGEND

- Fire Hydrant
- Sewer Cover
- Utility Pole
- Parcel Boundaries
- Sidewalk
- Stream/Brook

Project Study Area

Roadway Characteristics



Maple Road

Functional classification	Local
Jurisdiction	Town
Right-of-way width (feet)	3-Rods (49.5 ft.)
Roadway width (feet)	20 ft.
2016 AADT*	135
Posted speed limit	25 mph

*AADT= Average Annual Daily Traffic

Project Study Area

Speed Study



East/West Segment

85th Percentile	25 mph
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Average Speed	18 mph
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* Results are based on the average of May 2015, November 2015, and June 2016 studies.

North/South Segment

85th Percentile	29 mph
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Average Speed	23 mph
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* Results are from June 2016 study.

Results show higher speeds on the north/south segment.

Project Study Area

Volume Study



Direction	Average School Weekday Volume	Average Non- School Weekday Volume
Eastbound	71	53
Westbound	66	54
Total	138	107
* Results are based on a June 2016 speed and volume study.		

Direction	Average School Weekday Volume	Average Non- School Weekday Volume
Southbound	117	93
Northbound	61	68
Total	178	160
* Results are based on a June 2016 speed and volume study.		

Vehicle counts were higher on weekdays when school is in session.

More overall traffic was counted on the north/south segment.

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Multimodal Scoping Study



Observations:

- Resident concerns about speeding and cut through traffic
- Speed studies indicate vehicle speeds are close to the posted limit of 25 mph
- Peak hour volume is highest during weekdays when school is in session
- Existing utilities
 - Utility poles, hydrants, underground
- Natural features
 - Streams



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Draft Purpose and Need



Example Purpose:

- Ensure that the design of Maple Road supports the needs of residents and users

Need:

- Residents are concerned about vehicle speeds
- Residents are concerned about cut-through traffic
- Safe walking and bicycling connections are needed



Schedule

- October 2017: Kick-Off
- January 2018: Local Concerns Meeting
- March 2018: Preferred Alternative Meeting
- April 2018: Final Report



QUESTIONS & DISCUSSION