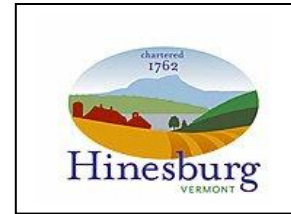


Town of Hinesburg

Driveway Permit Evaluation



Project Information

VTM Project No.:	23-2.3
Project Name:	PR&R Development (Lots #2 & 3)
Project Location:	Observatory Road, Hinesburg
Conducted By:	VTM Engineering, SLP
Date of Site Evaluation:	1-31-23
Driveway use:	Residential (Single family home)
Posted Speed Limit:	Not posted. Lowest speed limit allowed under 25 VSA 1007 is 35 mph.
Applicable Standards:	VTrans B-71A (Residential Driveway Standards)
Stopping Sight Dist. Std:	Minimum Int. Distance = 390', Min. Stopping Sight Distance = 250'
Proposed Development:	8 new lots located on the north side of Observatory Road.

Site Observations

Road Description/Condition: Observatory Road is a dead-end gravel road located directly off North Road. The first 850' of Observatory Road from North Road west is a two-lane road approximately 22' in width. Continuing west, the remaining 980' of Observatory Road narrows to approximately 16' in width. Lots 2 & 3 as proposed would have a combined driveway located off the western end of Observatory Road (section with 16' width). Based on conversations with Town officials, although the parcel where Observatory Road is located is owned by the Town of Hinesburg, the Town does not consider this a public roadway. It is unclear if the Town in the future will accept this as a Town Roadway. Two existing single-family residences are located on Observatory Road.

Lot Entry/Slope: Observatory Road gently slopes uphill from North Road (<5% slope). No notable safety concerns with the road and there appears to be adequate runout and sight distance where Observatory Road meets North Road.

Sight Distance: Right = 210', left = 477' (No intersections)

Driveway Drainage: Culvert required.

Comments/Discussion: Although the proposed driveway location for Lot 2&3 does not technically meet the minimum stopping sight distance in one direction, the stopping sight distance is based on the lowest legal speed limit allowed under state law of 35 mph. This is a fairly narrow, very low volume section of roadway that will support three single family homes. The practical vehicular speed on this section of roadway is 30 mph or less. As such, an exception to stopping sight distance is warranted in this situation. The stopping sight distance at 30 mph is 200' which the project will meet.

Recommendations: Approve the proposed driveway permit as presented. Vegetation and trees should be removed within 30' of the driveway in both directions

where it meets Observatory Road. The Town Highway Foreman should be consulted regarding the proposed culvert sizing.



Observatory Road facing south.
Proposed Lots # 2&3 entrance on left.



Observatory Road facing north.
Proposed Lot #2&3 entrance on right.



North Road facing west toward
Observatory Road.