

December 20, 2017

Phil Swanson  
Municipal Manager  
Village of Woodstock  
31 The Green  
Woodstock, VT 05091

**Subject: US Route 4 Vehicle Classification Analysis 2017**

Dear Phil:

The Two Rivers-Ottauquechee Regional Commission completed a vehicle classification and speed study on US4/Woodstock Road in 2 locations per your request. Site 1 is by the western village boundary on US4 (Fine Paints of Europe). Site 2 is by the Park and Ride. A map of the speed study locations and raw data of these counts are attached. The results are also summarized below. During processing, it was noted that at the Site 1 counter, the Eastbound tube failed to collect data on Sept. 3 after 1pm.

**Traffic Volumes**

Automated traffic count recorders were used to perform this count, which included measuring traffic volume, direction of travel and traffic speed. Average daily traffic in Table 1 represents the average number of vehicle trips at each location during the study period. Average weekday figures include traffic volumes during Monday through Friday. Average weekend traffic includes only Saturday and Sundays during the study period. For comparison purposes an ADT less than 400 vehicles a day is considered a low volume road. In a 2016 Route 4 speed study by the Worthy Kitchen the ADT was 8235.

Site No.	Location	Dates	Average Daily Traffic	Average Weekday Traffic	Average Weekend Traffic
1	By Fine Paints of Europe	Aug. 22 - Sept. 4, 2017	9,257	9,509	8,636
2	By Park and Ride	Aug. 22 - Sept. 4, 2017	11,956	12,370	10,935

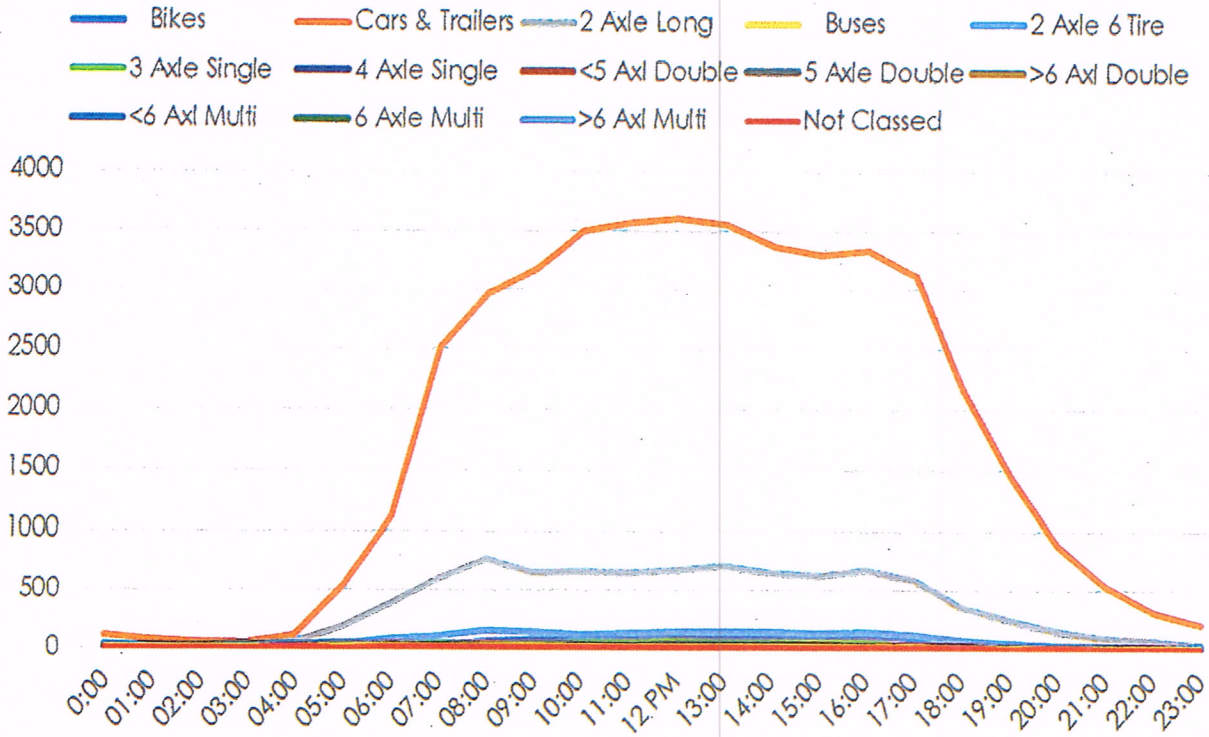
**Traffic Speeds**

Traffic speed is presented in Table 2 as 85th percentile speed, which represents the measured speed at a specified location below which 85 percent of all motorist travel. The 85th percentile speed is typically used by traffic engineers as the basis for setting the posted speed limit, although other factors – such as the number of driveways and density of development – should also be considered.

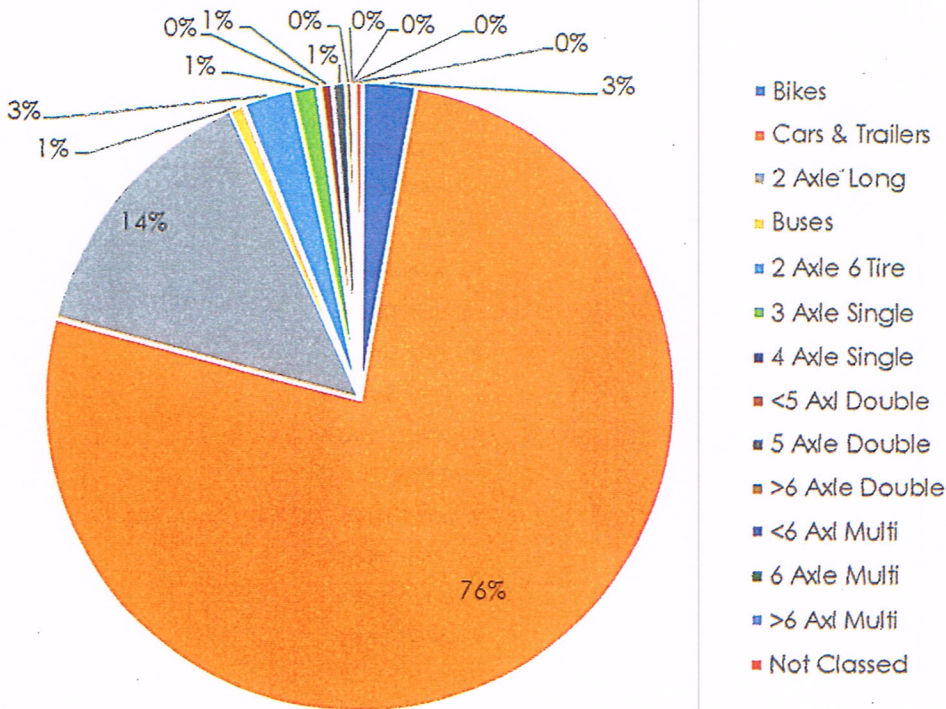
128 King Farm Rd.  
Woodstock, VT 05091  
**802-457-3188**  
**trorc.org**

William B. Emmons, III, Chair  
Peter G. Gregory, AICP, Executive Director

## Woodstock US4 Site 1 EB Vehicle Classification

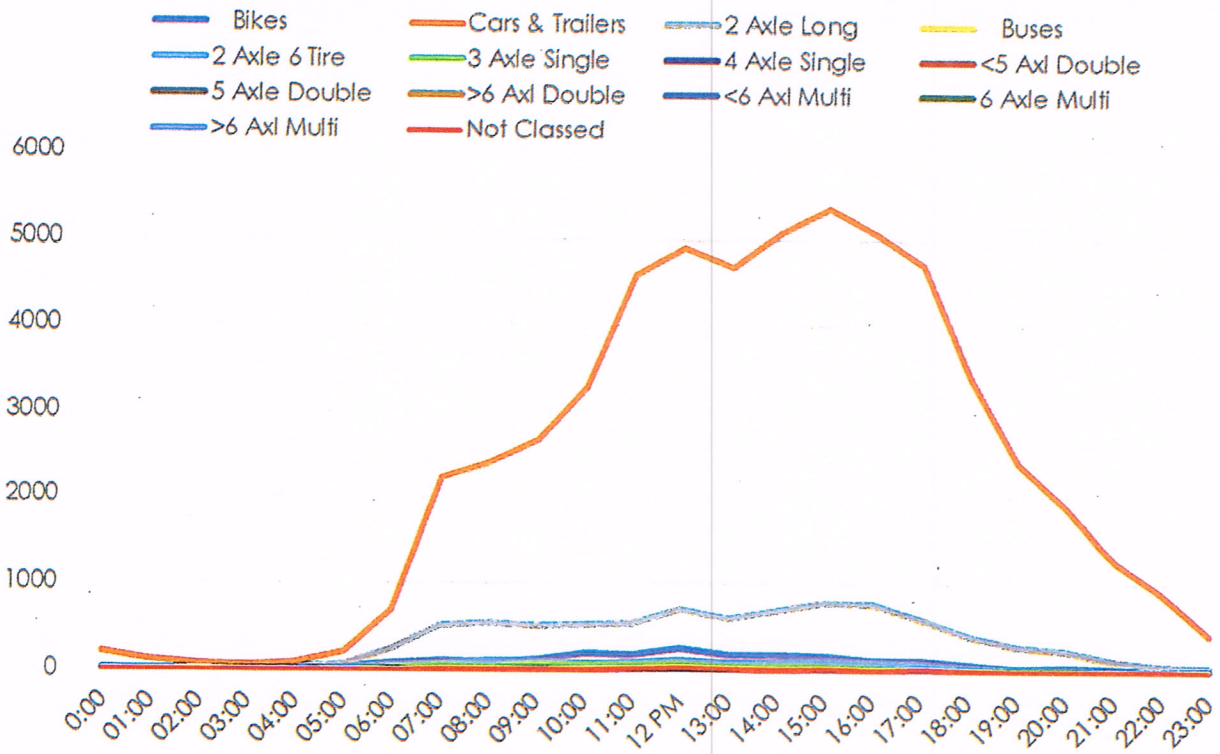


## Woodstock US4 Site 1 EB Vehicle Classification

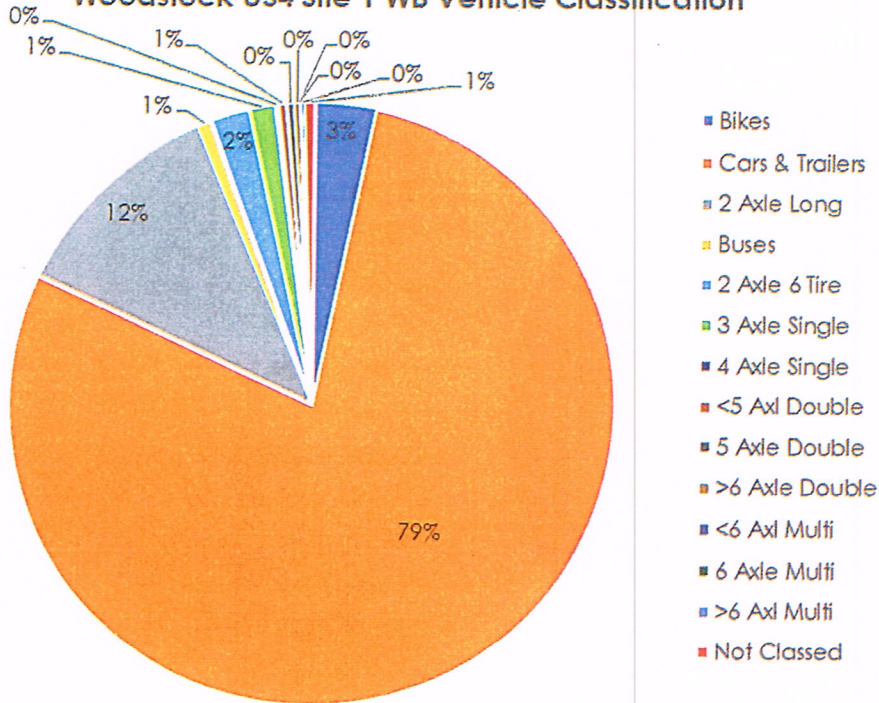




### Woodstock US4 Site 1 WB Vehicle Classification

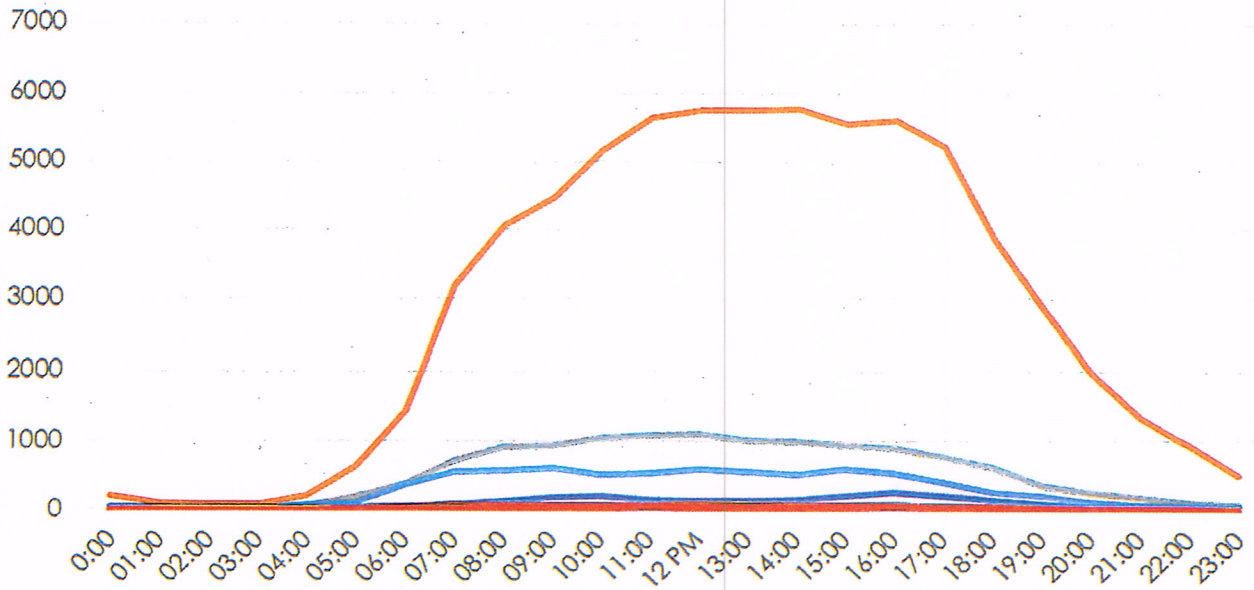


### Woodstock US4 Site 1 WB Vehicle Classification

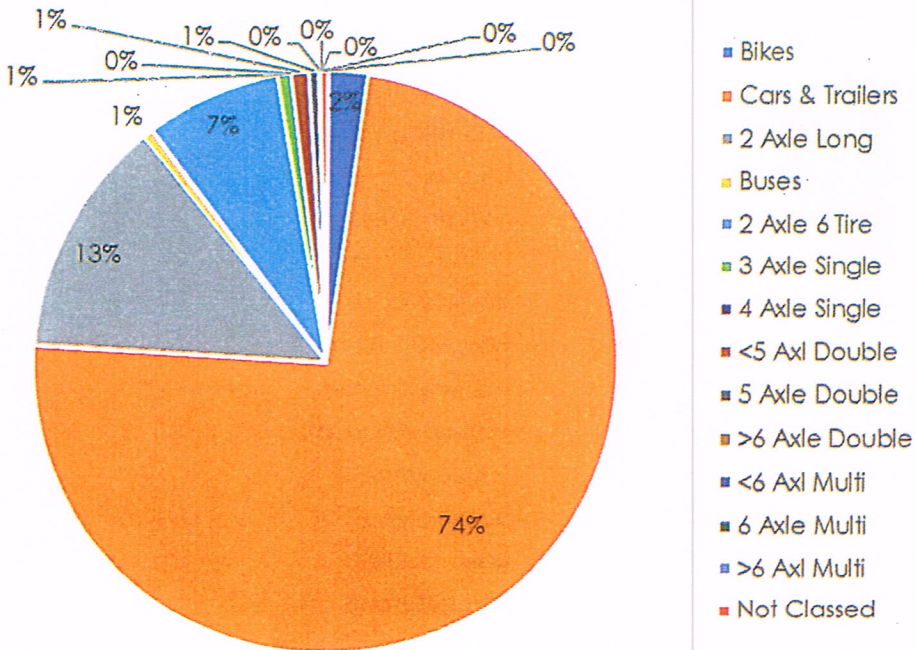


### Woodstock US4 Site 2 EB Vehicle Classification

- Bikes
- Cars & Trailers
- 2 Axle Long
- Buses
- 2 Axle 6 Tire
- 3 Axle Single
- 4 Axle Single
- <5 Axl Double
- 5 Axle Double
- >6 Axl Double
- <6 Axl Multi
- 6 Axle Multi
- >6 Axl Multi
- Not Classed



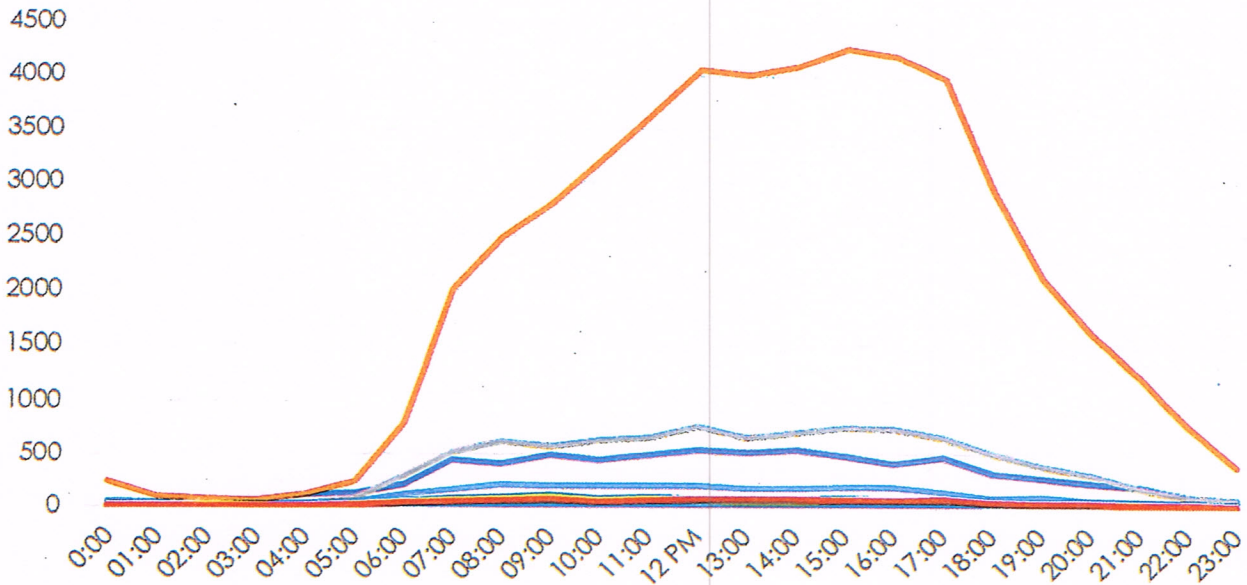
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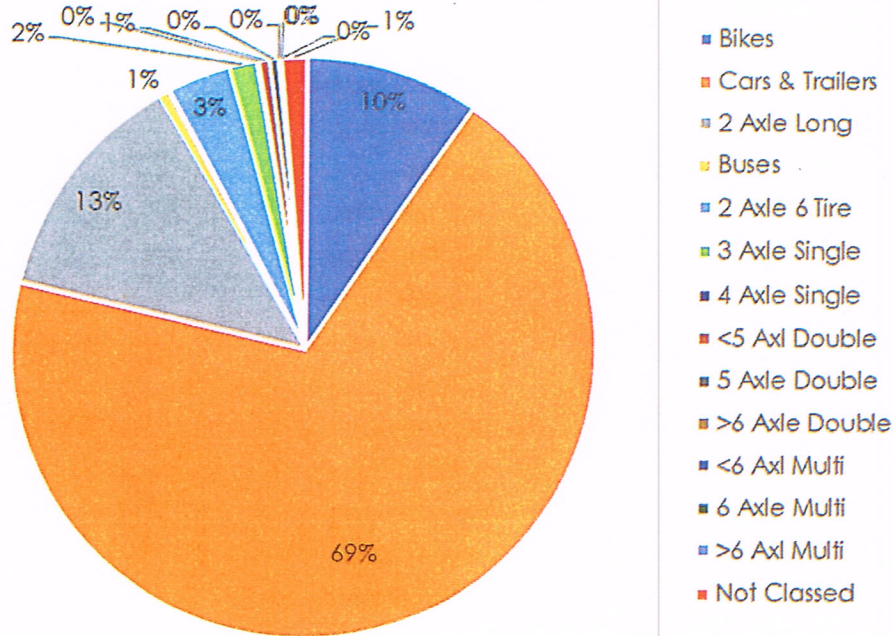


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### Woodstock US4 Site 2 WB Vehicle Classification



The bike percentage for Site 2 Westbound appears to be higher than the other counts. There may have been bike tours during the study period (unfortunately, that cannot be confirmed).

Please call me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Rita Seto". The signature is written in a cursive, flowing style.

Rita Seto, AICP  
Senior Planner

cc: Police Chief Robbie Blish, Highway Superintendent Ken Vandenburg