



# Ontario Provincial Police

## West Region

Haldimand County Detachment

72 Highway 54, Cayuga, ON, ON N0A 1E0

Tel.: 905-772-3322 Fax: 905-772-5815

Occurrence: LP21087504 Intelligence File: Date: March 29<sup>th</sup> – April 1<sup>st</sup>, 2021

Prepared by: Ryan Lee, Provincial Constable

## Speed Spy Study

A speed spy study was conducted between 29 March 2021 and 01 April 2021 as a result of a speeding and high volume of traffic complaint along Port Maitland Road between Haldimand Road 48 and Johnson Road, in Dunnville Rural. Two speed spy devices were deployed with one being deployed in the 50km/h zone targeting westbound traffic from an 80km/h zone into the 50km/h zone, with the second one being deployed in the 50km/h zone targeting eastbound traffic from the 50km/h zone into the 80km/h zone.

The results are as follows:

### W/B Traffic

#### Port Maitland Road between Haldimand Road 48 and Johnson Road

Posted Speed Limit:	50 km/h
Average Speed (km/h):	60 km/h
Highest Speed (km/h):	144 km/h
50th Percentile:	60 km/h
85th Percentile:	72 km/h
Number Above Speed Limit:	3680
Number Above Speed Limit (+20 km/hr):	393
Percentage above Speed limit (+20 km/hr)	8.86%
Total Number of Vehicles:	4433

### E/B Traffic

#### Port Maitland Road between Haldimand Road 48 and Johnson Road

Posted Speed Limit:	50 km/h
Average Speed (km/h):	39 km/h
Highest Speed (km/h):	133 km/h
50th Percentile:	40 km/h
85th Percentile:	46 km/h
Number Above Speed Limit:	150
Number Above Speed Limit (+20 km/hr):	12
Percentage above Speed limit (+20 km/hr)	0.44%
Total Number of Vehicles:	2680

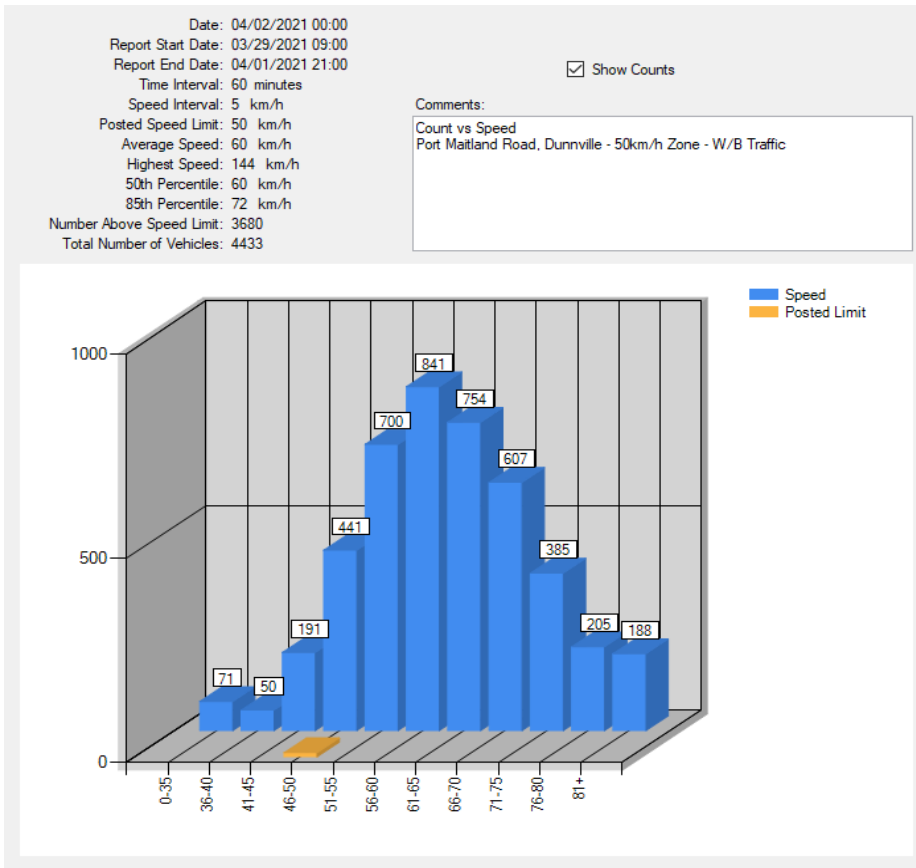
In reviewing the data for westbound traffic, 4433 vehicles were recorded with the average speed at 60 km/h. The 85<sup>th</sup> percentile was travelling at 72 km/h. The highest speed recorded was 144 km/h. The data also indicated that of the 4433 vehicles recorded, 393 of them were travelling at least 20 km/hr over the speed limit representing 8.86 % of the vehicles recorded.

Further, in reviewing the data for eastbound traffic, 2680 vehicles were recorded with the average speed at 39 km/h. The 85<sup>th</sup> percentile was travelling at 46 km/h. The highest speed recorded was 133 km/h. The data also indicated that of the 2680 vehicles recorded, 12 of them were travelling at least 20 km/hr over the speed limit representing 0.44% of the vehicles recorded.

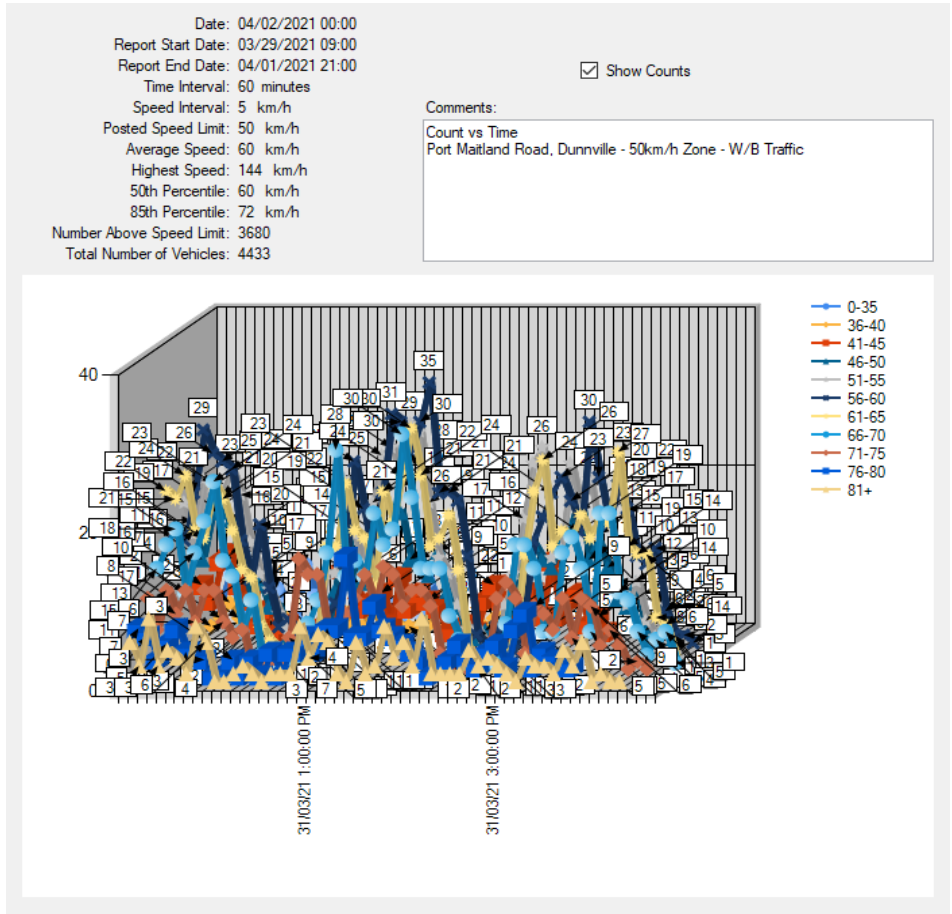
**Deployment Location – W/B and E/B Traffic (50km/h Zone) – Port Maitland Road**



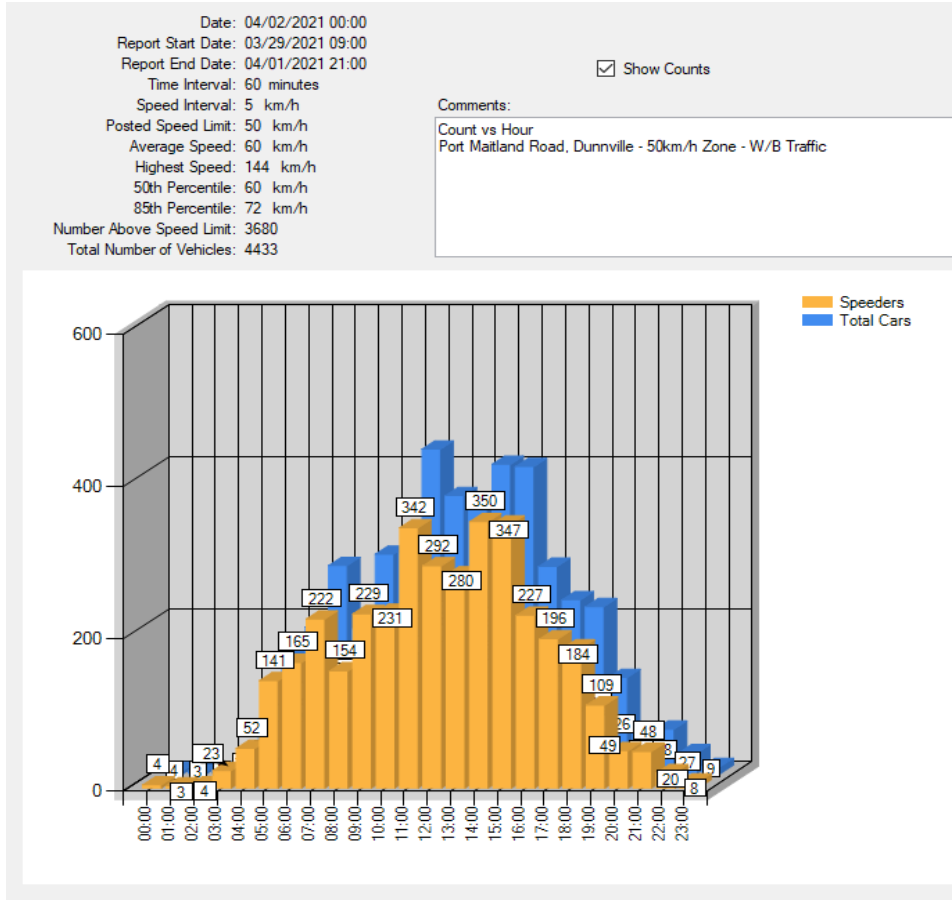
**Count vs Speed – W/B Traffic (50km/h Zone)**



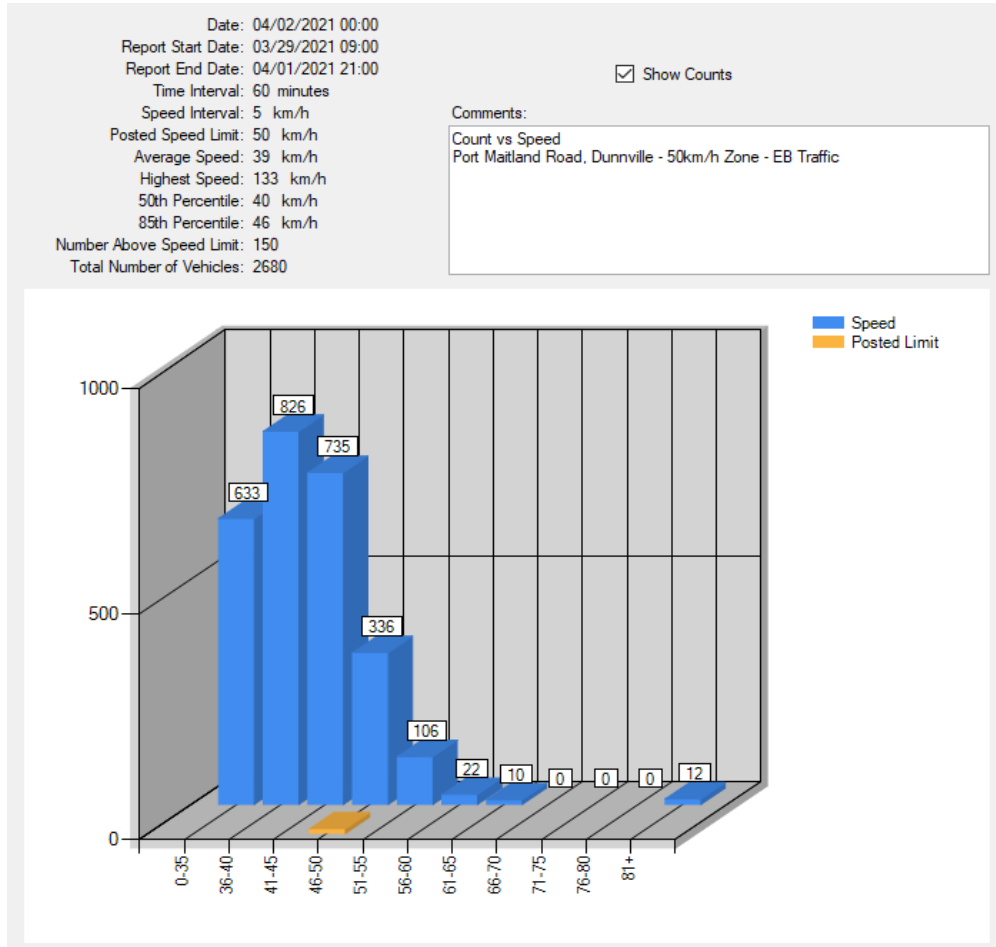
**Count vs Time – W/B Traffic (50km/h Zone)**



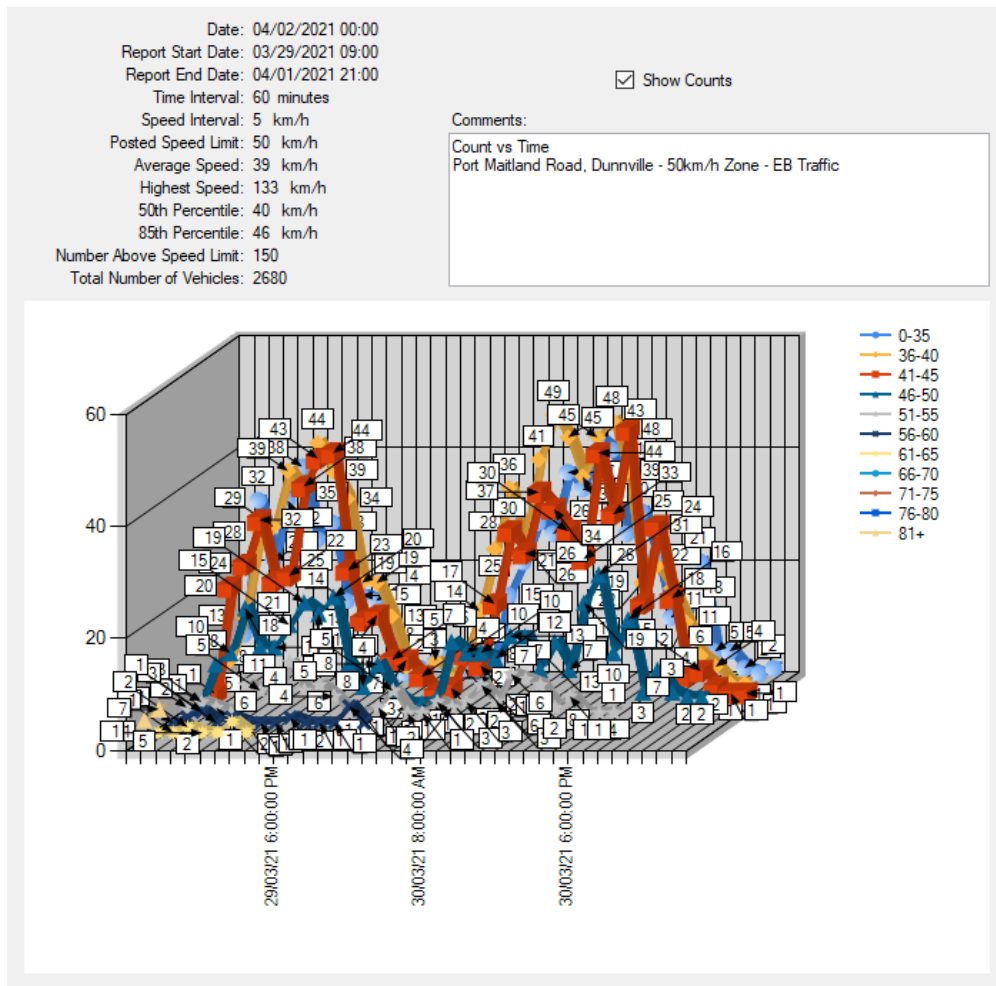
**Count vs Hour – W/B Traffic (50km/h Zone)**



**Count vs Speed – E/B Traffic (50km/h Zone)**



**Count vs Time – E/B Traffic (50km/h Zone)**

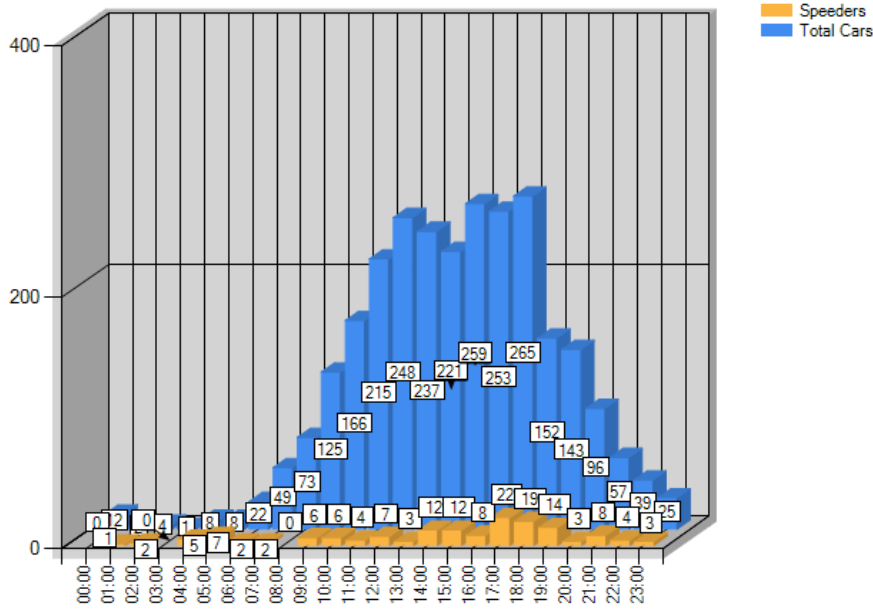


**Count vs Hour – E/B Traffic (50km/h Zone)**

Date: 04/02/2021 00:00  
 Report Start Date: 03/29/2021 09:00  
 Report End Date: 04/01/2021 21:00  
 Time Interval: 60 minutes  
 Speed Interval: 5 km/h  
 Posted Speed Limit: 50 km/h  
 Average Speed: 39 km/h  
 Highest Speed: 133 km/h  
 50th Percentile: 40 km/h  
 85th Percentile: 46 km/h  
 Number Above Speed Limit: 150  
 Total Number of Vehicles: 2680

Show Counts

Comments:  
 Count vs Hour  
 Port Maitland Road, Dunnville - 50km/h Zone - EB Traffic



Anyone with or requiring additional information is asked to contact the undersigned.

Ryan Lee, Provincial Constable #11092  
 905-772-3322

**Dissemination List**

- Regional Intelligence Supervisor  **Third Party Rule**
- OPP DL ALL (All Regional Personnel)
- OPP Region Generic Email Addresses (Less Serious Offences)
- Specific Detachments: [Click here to enter detachment names.](#)
- West Region
- Central Region
- East Region
- North East Region
- North West Region
- Highway Safety Division
- OPP Specialized Unit(s): [Click here to enter specialized unit\(s\).](#)
- Special Law Enforcement Agencies: [Click here to enter outside law enforcement agencies.](#)
- All municipal police departments (CISO)
- Other Outside Agencies: [Click here to enter other outside agencies.](#)