



40  
SPEED LIMIT

37.7  
AVERAGE SPEED

4.8%  
over THRESHOLD

42  
85<sup>th</sup> PERCENTILE

52,484  
TOTAL VEHICLES

## A367 Dunkerton Hill, Bath DATA CAPTURE BOX

A Data capture box was placed in the Southbound direction on the A367 in the village of Dunkerton between the 17<sup>th</sup> and 30<sup>th</sup> December 2020.

**Average speed.** The speed limit on this section of the A367 is 40mph, and the average recorded speed was 37.7 mph, marginally below the speed limit. The 85<sup>th</sup> percentile recorded was 42mph, with 4.8% of vehicles recorded travelling in excess of the enforcement threshold.

### Peak days & times.

Weekdays. The period of recording does not adequately highlight any peak days for traffic volume, but rather shows a steady average throughout the week of approximate 4 – 5,000 daily. There was a significant decrease on Friday the 25<sup>th</sup> to just under 2,500 vehicles, however this can be attributed to the fact that this was Christmas day and therefore outside the norm. The decreased volume does highlight that a higher percentage of vehicles exceeded the enforcement threshold over Christmas break, with a peak of 8.7% above the enforcement threshold on Christmas day itself, and a slightly lower figure of 6.8% on the following Monday which was also a bank holiday. Traffic volumes were starting to rise by this time at just under 3,000 vehicles, and continued to show a steady increase into the remainder of the week. The average speed during the week is 37.3mph with 4.0% of speeds identified in excess of 46 mph (this accounts for 1,599 / 39,917 vehicles). These speeds have a spike in numbers overnight (between 2200hrs and 0500hrs) when traffic volumes are also significantly lower – with upwards of 20% of vehicles exceeding the threshold, but traffic count reduced to around 200 vehicles

-Overall average speed during the week is 37.3mph with the 85<sup>th</sup> percentile being 42mph.

- High end speeders during the week account for 0.98% of vehicles (50mph+)

Weekends. There were two weekend periods included in the data capture period, however on of these periods also included the Christmas period with the second period being a bank holiday weekend, the Saturday being Boxing Day. Traffic volume over the first weekend was consistent with normal activity – around 4,000 vehicles and 4.7% exceeding the threshold on the Saturday, but a spike on vehicles exceeded the threshold on the Sunday (9.7%). The second weekend showed significantly lower volumes with 2,192 vehicles on the Saturday, but also showed 9.1% of these were above the threshold. These speeds show a similar spike overnight (between 2200hrs and 0500hrs) when traffic volumes are also significantly lower – with upwards of 40% of vehicles exceeding the threshold, but traffic flow reduced to a low of 22 vehicles.

-Overall average speeds over the weekend are slightly higher at 38.8mph, with the 85<sup>th</sup> percentile being 43mph.

-High end speeders at the week-end account for 2.01% of vehicles (50 mph+),

*Traffic volume overall is generally very high with over 52,000 vehicles captured during the monitoring period. In general there is good compliance with less than 5% of vehicles on average exceeding the enforcement threshold. There is a direct correlation between traffic volumes and speed which can be seen in the increased numbers of vehicles exceeding the threshold as flow volume decreases – this is very evident overnight, with higher peak speeds and very low traffic numbers.*

**High end speeds.** Overall, vehicles exceeding 50mph account for 1.3% of all vehicles (689 / 52,484 vehicles)

### Collision data.

Collision numbers are comparatively low in relation to traffic volume, with 23 collisions recorded within 3km of this data capture location since 2012: 7 non injury, 12 slight, 3 serious and one fatal in March 2021.

### Recommendations.

- Mobile enforcement is already in place for this location, although consideration should be given to enforcement overnight when peak speeds are highest.