



40
SPEED LIMIT

36.8
AVERAGE SPEED

2.7%
OVER THRESHOLD

41
85th PERCENTILE

41, 521
TOTAL VEHICLES

A367 Dunkerton Hill, Bath DATA CAPTURE BOX

A Data capture box was placed in the Southbound direction on the A367 Fosseway in the village of Dunkerton between the 17th and 29th of September 2021.

Average speed. The speed limit on this section of the A367 is 40mph, and the average recorded speed was 36.8 mph, marginally below the speed limit. The 85th percentile recorded was 41mph, with 2.7% of vehicles recorded travelling in excess of the enforcement threshold.

Peak days & times.

Weekdays. The period of recording did not highlight any peak days during the week for traffic volume, but rather showed a steady average of approximately 3,500 vehicles daily. The average speed during the week was 36.6mph with an overall average of 2.4% of speeds identified in excess of 46 mph (this accounts for 787 / 30,986 vehicles). These speeds have a spike in numbers overnight (between 2200hrs and 0500hrs) when traffic volumes are also significantly lower – with a peak of 30.2% of vehicles of vehicles exceeding the threshold between 0100 – 0200hrs when but it should also be noted that the traffic count at this time was reduced to around 53 vehicles compared to a peak flow of over 3000 vehicles mid afternoon.

Overall average speed during the week was 36.6mph with the 85th percentile being 41mph.
High end speeders (50mph+) during the week account for 0.47% of vehicles (146 / 30,986 vehicles)

Weekends. There were two weekend periods included in the data capture period. Traffic volume was lower with around 2,300 – 2,900 vehicles daily. An overall average of 3/6% of vehicles (379 / 10,535) were recorded as exceeding the enforcement threshold which is slightly higher than during the week, and likely to be attributable to the lower volume of traffic. This was also reflected in the overnight figures which showed a similar rise in vehicles exceeding the threshold as traffic volumes decreased (28.7% peak with a traffic volume of 36 vehicles)

Overall average speeds over the weekends were slightly higher at 37.5mph, with the 85th percentile being 42mph.
High end speeders (50mph+) at the week-end account for 0.72% of vehicles (76 / 10,535 vehicles)

Traffic volume overall is generally very high with over 41,000 vehicles captured during the monitoring period. In general there is good compliance with less than 3% 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 0.53% of all vehicles (222 / 41,521 vehicles)

Collision data.

Collision numbers are comparatively low in relation to traffic volume, with 23 collisions recorded within approximately 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 SIDS deployment or similar overnight when peak speeds are highest.