

St Paul Malmesbury Without Parish Council

Report #10.3

Provision of additional SID devices

1. Purpose of the report

- 1.1 To invite the council to approve the purchase of two additional SID devices for deployment along the B4042 Swindon Road.

2. Background

- 2.1 The council has already purchased and deployed two Evolis SID devices at locations along the A429. Early data reports obtained from the device at the southern end of Burton Hill, coupled with visual observations from local residents, indicate that the devices have been successful in encouraging drivers to adhere to the notified speed restriction. Wiltshire Police (WP) has recently introduced a countywide speed enforcement scheme using data extracted from these devices. This council has registered both its devices and will shortly start sending the required data into the system for assessment.
- 2.2 The council, in cooperation with Lea & Cleverton PC, requested a traffic survey (aka metro count) earlier in the year on the B4042 from the Priory roundabout to Cowbridge. The survey is conducted on behalf of Wiltshire Highways (WH) by a private company. The results from this survey are now available and are shown in the appendix to this report. The WH Sustainable Transport team has confirmed that the results demonstrate that the combined 85 percentile was 38.3mph and therefore met the criteria for a Community Speed Watch Scheme. The chair of LHFIG has acknowledged this advice and supports the deployment of SIDs along this stretch of road. The optimum locations for the devices will need to be discussed and approved by WH.
- 2.3 Evolis devices are recommended for use by WP as the most suitable equipment for the speed enforcement activity. Assuming worse case, that WH will not agree to install and connect both devices to lamp posts with a mains supply, the cost of two solar powered devices would be £5,400 including VAT. This price includes the Evolis speed signs, solar panels & mounting kits, plus 2 x batteries per unit. The price also includes a 2-year warranty on parts, labour and return to factory (return shipping included).
- 2.4 It might be necessary, if a post or lamp post is not in a suitable position, that up to two posts will need to be purchased at a cost of up to £1K including VAT, additionally a sum has been included in option 3.2 to cover post erection by a private contractor should this discretionary WH task not be scheduled in an acceptable timescale.

3. Options

- 3.1 To consider the deployment of additional SIDs unnecessary.
- 3.2 To support the purchase and deployment of two Evolis SIDs, and posts if required, along the B4042, subject to obtaining WH approval on siting, for an amount up to £7K including VAT

4. Financial Implications

- 4.1 The council is able to fund these purchases from its CIL contributions.

5. Recommendation

- 5.1 The council is recommended to support Option 3.2.

Appendix

TRAFFIC DATA

Transport Data Collection and Analytics

Client: Wiltshire Council

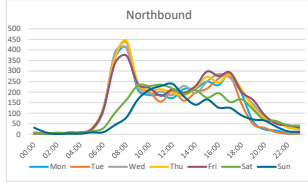
Project: 4476-MID Wiltshire Batch 046

Site: 13 - B4042

Start Date: 11/09/2023

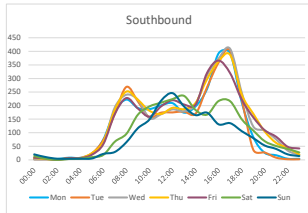
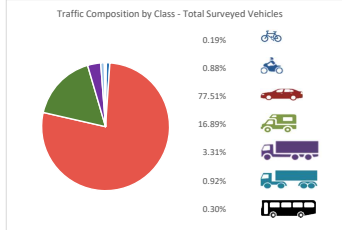
Speed Limit: 30

Lat/Long: 51.57618, -2.08448

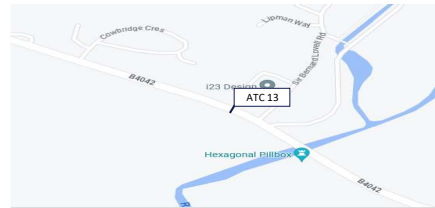


Direction	7-Day Average Speed	7-Day 85th %ile Speed	On a 7-day average		
			% of vehicles are travelling over posted speed limit (PSL)	% of vehicles are travelling 10% +2 over PSL (35mph)	% of vehicles are 15mph over PSL (45mph)
Northbound	31.8	37.3	60.3%	24.3%	1.9%
Southbound	33.5	39.3	74.7%	35.8%	4.4%
Combined	32.6	38.3	67.3%	29.9%	3.1%

30 mph



Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekly Traffic Total
Northbound	3399	3102	21716
Southbound	3224	2944	20608
Combined	6623	6046	42324



Data annotated with "M" denotes when a given time period has been affected by data loss. For a full breakdown of data loss please refer to the Data Quality tab.

Tracsis will retain all personal data relating to this project, including all video images, for a period of 3 months after receipt of this report and all other data files for one year. If you would like a copy of the personal data or wish for us to retain for a longer period, please do not hesitate to contact us.