

Vehicle Activated Speed Signs - Recommendations

Following the request for full recommendations after reviewing the report of options in Full Council on 17th December 2020, the below outlines the recommended route for proceeding with this project.

Recommendations

Purchase Speed Indicator Devices (SID) and have volunteers move from site to site. Many local councils around Suffolk deploy this option as the control is in house and the investment is capitalised over a long period of use. **Estimated installation: 4 months from site suitability confirmation.**

- 1) Based on price and weighing up against warranties and inclusions (see appendix 1), the recommended supplier is **Elancity**, and style of signage is the **Evolis “thank you” / “slow down”**:



- The costs include solar power, data collection facilities, spare batteries and charger.
- 2) **Two signs** be purchased with **five pole locations** and moved on a rotational basis every 3 to 4 weeks. This ensures drivers do not become complacent.
 - 3) Co-ordination and administering to be done via the Hadleigh Town Council office with volunteers lead by the Services Officer to move the signs.
 - 4) Suggested locations (to be agreed by Suffolk County Council) – photographic evidence of suitable sites matching criteria are shown in appendix 2:
 - Top of **Station Road** – as indicated by SCC
 - Top of **Lady Lane** – as indicated by SCC and awareness in town of this busy route in and out of Hadleigh centre and industrial areas
 - Bridge Street** – as indicated by SCC
 - Aldham Mill Hill**; drivers turn off fast bypass and is busy due to housing & Morrisons

Full costing:


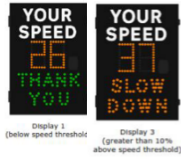

2 x Evolis signs	£4,600.36+
5 x poles	<u>£ 950.00</u>
	<u>£5,550.36</u>

Ongoing costs would simply be for the charging of batteries and any staff time on data analysis and reporting.











Step - by Step Process following approval of above recommendations:

1. Submit Site Suitability Checklists for each site, with written evidence that residents do not object to the location. (A draft letter for residents is provided by the County Council for use.)
2. SCC reviews site(s), confirms if suitable and returns copy of counter-signed Checklist.
3. HTC decides to proceed and purchases SID.
4. Complete and return Agreement to SCC as confirmation of purchasing SIDs.
5. Suffolk Highways will then, if necessary and free of charge, replace existing sign pole(s) to give correct operational height or install a separate new pole as required (chargeable).
6. Local Council provides training for volunteers to move SID and commences operation.

Appendix 1: SID Comparable Quotations

Supplier	Type of sign	Dimensions (weight includes battery & solar)	Power type	Included Warranty	Cost also includes	Delivery lead time	Cost (ex VAT)
Elancity (recommended)		680mm x 680mm Weight: 34.2kg	Solar powered batteries (pre-equip 2 posts)	2 years (parts and labour) exclusions: vandalism, impact damage, theft, mishandling Batteries have 6- months manufacturer's warranty	Spare battery + charger Post installation kit (x4 poles, move sign only) Data collection Carriage	3 - 6 weeks from receipt of purchase order	£2,300.18 each
Swarco		450mm x 650mm Weight: 21.9kg	Solar powered lithium batteries	1 year (extra years warranties can be purchased)	Spare battery + charger Post installation kits Data collection Carriage On-site training	6 – 8 weeks from receipt of purchase order	£3,082.50 each
Westcotec		670mm x 430mm Weight: 23kg	Solar powered lead acid battery	3 years exclusions: vandalism, impact damage, theft Batteries: 1 year manufacturer's	Spare battery + charger Sign cover Post installation kit (moves with sign) Carriage	6 – 8 weeks from receipt of purchase order	£3,765 each

Appendix 2: Exact location recommendations
arrow indicates direction of travel facing sign, red circles indicate potential siting spots

Station Road	Lady Lane (1)	Lady Lane (2)	Aldham Mill Hill	Bridge Street
				
				
<ul style="list-style-type: none"> • On the way into town • Clear line of site • Safe parking closeby in Wilson Road • Plenty of lateral clearance 	<ul style="list-style-type: none"> • Up the hill on way out of town by Bruni Erben • Clear line of site • Safe parking closeby • Plenty of lateral clearance 	<ul style="list-style-type: none"> • Down the hill by Delf • Close green • Clear line of site • Safe parking closeby • Plenty of lateral clearance 	<ul style="list-style-type: none"> • Clear line of site • Safe parking closeby in Oxford Road or Fire Station (if permitted) • Plenty of lateral clearance 	<ul style="list-style-type: none"> • Clear line of site • Safe parking closeby in Car Park or Corks Lane • Plenty of lateral clearance