Burgh and Tuttington Parish Council

Installation of a Speed Indicator Device with Slow Down (SAM2)

Summary
Installation of the SAM2 sign in the villages of Burgh and Tuttington to aid vehicle speed control requires the following: (a) Identifying effective sites and agreeing them with Norfolk Highways; (b) Purchase and setup of the SAM2 sign and accessories; (c) Moving and maintaining the sign, and data logging.

1. **Purpose of the SAM2 sign**
   a. Roads in both Burgh and Tuttington are narrow, mostly single carriageway routes without pedestrian footpaths. Traffic speeds are controlled by 30 mph zones enhanced by village gateways. Regular hazards to pedestrians and other road users include large vehicles with relatively low speeds, or smaller vehicles some of which exceed the speed limit. SAM2 signs generally only influence the latter by displaying the speed of the oncoming vehicle with a warning to SLOW DOWN if speed exceeds the limit set in the sign.
   b. Some roads in our parish (eg Common Lane and parts of Aylsham Road in Tuttington, and Church Lane in Burgh) might be too narrow to benefit from the SAM2 sign. In such places, speeds less than 30mph might be dangerous in themselves and the SAM2 sign would be ineffective and could encourage some drivers to speed up to 30mph. Therefore, the main through routes in both villages are prime site for the SAM2.
   c. SAM2 signs also record speed data of passing vehicles which can be downloaded and analysed to locate problem areas. The sign can be set to responsive mode to warn speeding vehicles, or left dark; traffic speeds are recorded in both modes.

2. **The Kit.**
   All portable SAM2 signs come complete with batteries, battery charger, bracket set and cover. We need to ensure the sign has data-recording with Bluetooth. Extra bracket sets, poles and padlock fixings are available.

3. **SAM2 sign setup**
   a. The SAM2 sign can be attached to existing road signs or to new dedicated poles. Attachment sites need a bracket which can be removed and transferred with the SAM2 sign, or brackets can be left attached at each site. New poles and extra brackets will incur extra cost. Any sites agreed by the Parish Council will need confirmation by Norfolk Highways and signed in a Memorandum of Understanding.
   b. A minimum of three locations should be identified in the parish to comply with the planning requirement to move the sign after a month with no return to the same site for two months. The SAM2 sign should target problem speeding areas. In Burgh, this is The Street, in Tuttington, the Norwich-Banningham Road. The best locations in Burgh are inside the 30mph zone towards the west and east ends of the Street, respectively. In Tuttington, the sites are at the boundaries of the 30mph limit zones to the south and north ends of the Norwich-Banningham Road, respectively. The primary 30mph signs are suitable in Tuttington and a repeater 30mph sign in Burgh opposite the wall to Manor Farm is suitable at the east end of The Street. However, there is no suitable post at the west end of Burgh Street and this would require installation of an additional pole. See the attached map. It is possible that after discussion with Highways, we need more new poles.

4. **Maintenance**
   a. Battery charging: this will need to be done at regular intervals.
   b. Security: this can be enhanced with a lock but vandalism of the sign is also a concern.
   c. Volunteers are needed to move the sign, to download and analyse the data.
   d. We might also benefit from discussing speeding with our local police.
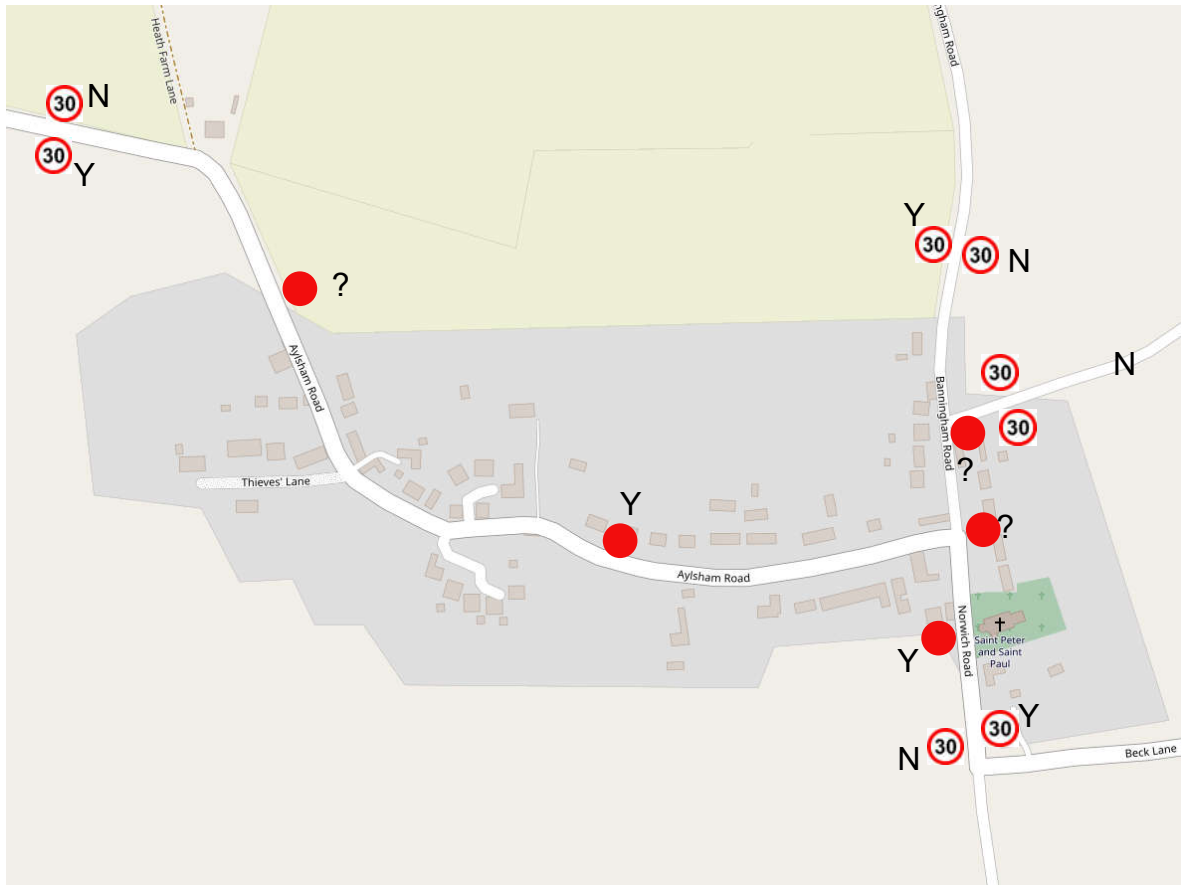
5. **Actions.**
   a. Agree locations and arrange visit with Norfolk Highways.
   b. Agree purchase of the kit from Wescotec.
   c. Complete Memorandum of Understanding.
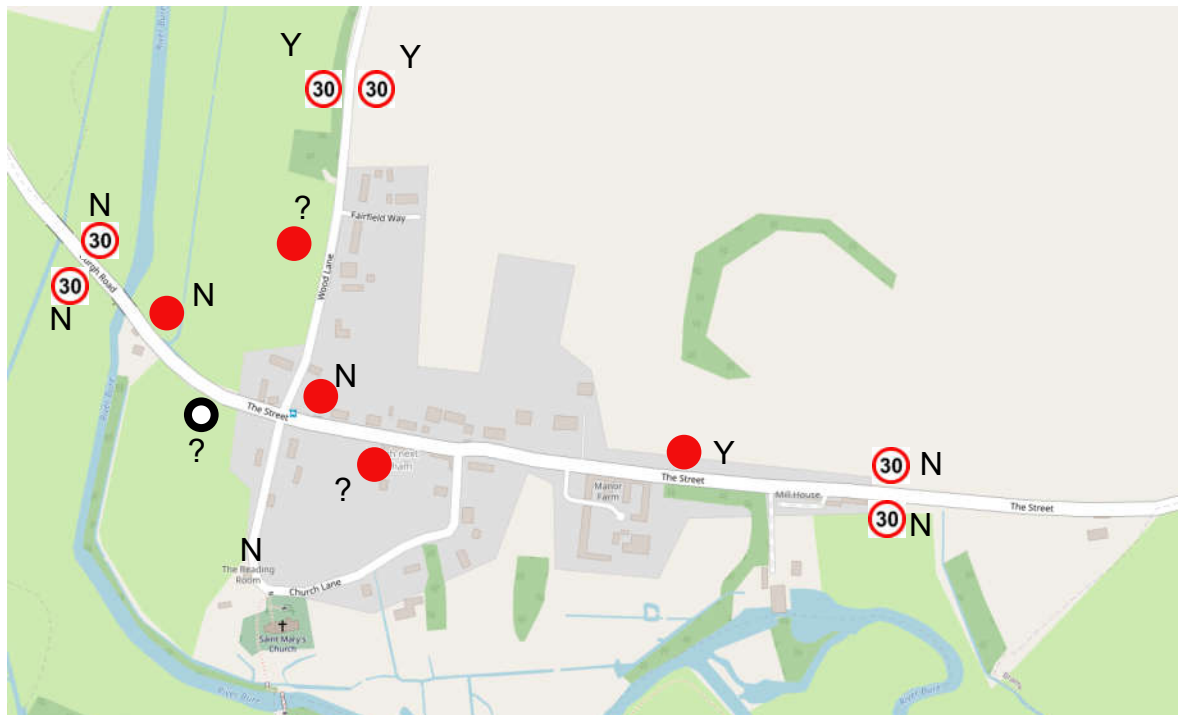   d. Organise a team of volunteers for setup, moving, maintenance and data collection.

<div align="right">Cllr. Simon Covey, May 2023</div>

Burgh and Tuttington Parish Council.

Planning SAM2 signs, April 2023

Tuttington

30 N
30 Y

?

Y
30   30 N

30   N

30
30
?
?

Y

Y

Y
30
N   30

Beck Lane

Burgh

Y   Y
30   30

N
30

30   N
N

?

N

?

N   Y
30

N
30

Y
30 N

30 N

N

?

Key: 30 30 mph zone boundary   Y, potentially suitable

       ● Existing road sign   N, not suitable

       ○ New road sign   ?, possibly suitable