

Kingston Seymour Parish

Road Safety & Speed Options

Jun 16

This presentation has been modified from the slides presented on 21 Apr 16 due to an issue highlighted by North Somerset Council post the Annual Parish Meeting.

For speeds recorded over 61mph erroneous speed readings can sometimes result when vehicles passing in opposite directions cross the loops at the same time.

To avoid any confusion that could be caused by the above all direct references to speeds greater than 61mph have been removed from these slides

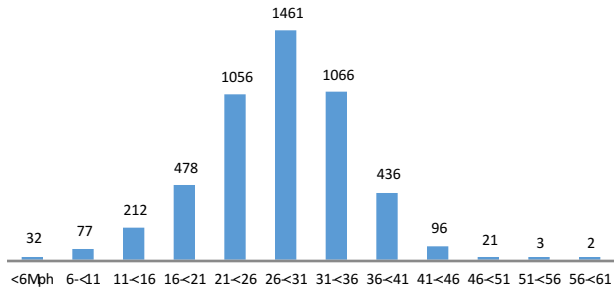
Introduction

- **When** - KSPC working with NSC commissioned in 2015 a speed and traffic flow survey in the village
 - This was physically completed between 8th to 14th Sep 2015
 - Lampley Rd, Back Lane, Middle Lane and Ham Lane were surveyed in parallel
 - All sensors were located within the core more densely populated areas
- **What** - The purpose of the survey was to provide robust data analysis to underpin PC consideration as to whether there was a speeding issue in the village
- **Why** - All of the above is in response to recent parishioner concerns
- **Accidents** - In terms of 'recorded injury accidents' KS is considered a 'safe' area
 - 3 collisions were recorded between 2007 to 2009
 - The last fatality was in Oct 2004
 - The data does not record near misses or residents' specific experiences

Survey Summary – Lampley Road

Lampley Rd - To Kingston Seymour

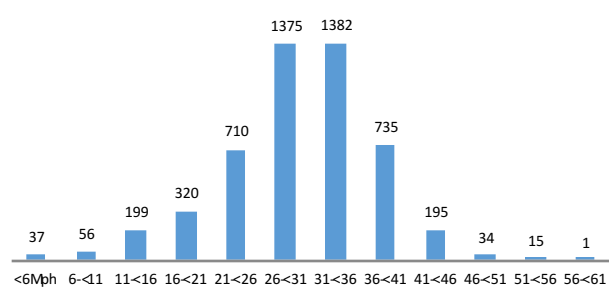
■ Total Movements /Speed - 8 to 14 Sep 15



Lampley Road East of Back Lane - To KS			
Time	Movements	85th %ile	Mean Ave.
12H, 7-19	4105	35.1	27.8
16H, 6-22	4718	35.1	27.7
18H, 6-24	4880	35.1	27.8
24H, 0-24	4952	35.1	27.8

Lampley Rd - To Yatton

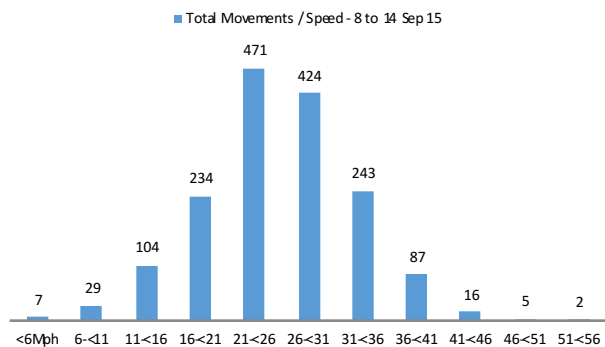
■ Total Movements /Speed - 8 to 14 Sep 15



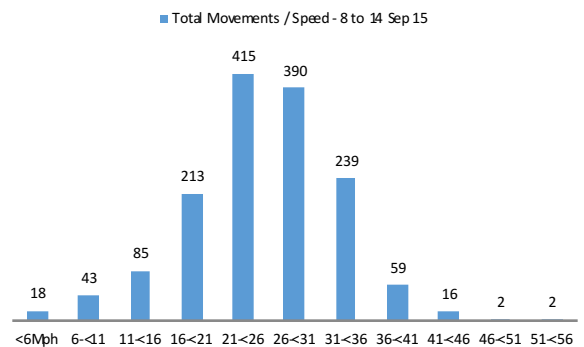
Lampley Road East of Back Lane - To Yatton			
Time	Movements	85th %ile	Mean Ave.
12H, 7-19	4289	37.5	29.7
16H, 6-22	4880	37.5	29.8
18H, 6-24	4998	37.5	29.8
24H, 0-24	5065	37.5	29.8

Survey Summary – Back Lane

Back Lane - To Kingston Seymour



Back Lane - To Clevedon

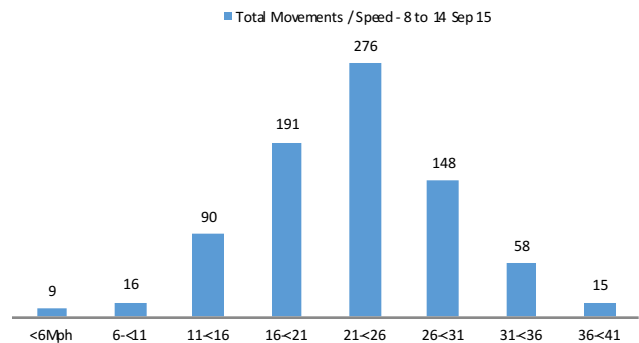


Back Lane N/O Lampley Road - To KS			
Time	Move ments	85th %ile	Mean Ave.
12H, 7-19	1360	32.5	25.4
16H, 6-22	1579	33.0	25.7
18H, 6-24	1608	33.1	25.8
24H, 0-24	1625	33.1	25.8

Back Lane N/O Lampley Road - To Clevedon			
Time	Move ments	85th %ile	Mean Ave.
12H, 7-19	1249	32.3	24.9
16H, 6-22	1409	32.7	25.3
18H, 6-24	1461	32.8	25.3
24H, 0-24	1484	32.8	25.4

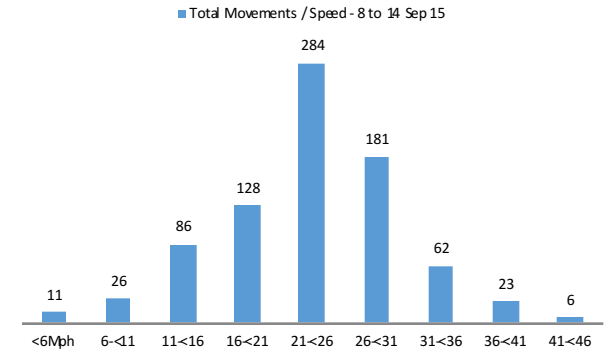
Survey Summary – Middle Lane

Middle Lane - To Kingston Seymour



Middle Lane Lane - To KS			
Time	Move ments	85th %ile	Mean Ave.
12H,7-19	665	28.9	22.4
16H,6-22	774	29.1	22.5
18H,6-24	784	29.1	22.5
24H,0-24	803	29.1	22.5

Middle Lane - To Sea Wall

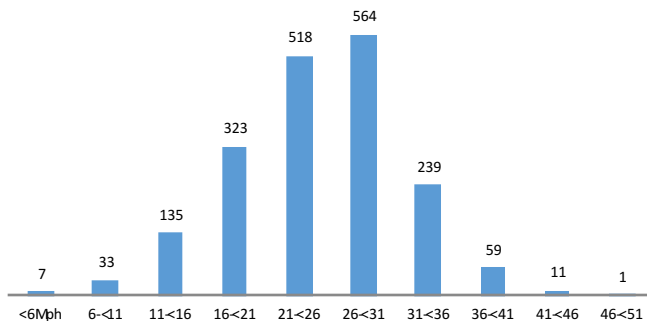


Middle Lane Lane - To sea wall			
Time	Move ments	85th %ile	Mean Ave.
12H,7-19	717	29.6	23.2
16H,6-22	788	29.7	23.3
18H,6-24	796	29.6	23.3
24H,0-24	807	29.7	23.3

Survey Summary – Ham Lane

Ham Lane - To Sea Wall

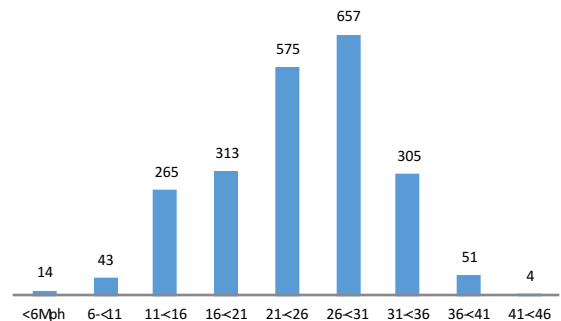
■ Total Movements /Speed - 8 to 14 Sep 15



Ham Lane East of Yew Tree Lane - To Sea Wall			
Time	Movements	85th %ile	Mean Ave.
12H, 7-19	1597	30.8	24.5
16H, 6-22	1794	31.3	24.8
18H, 6-24	1843	31.6	24.9
24H, 0-24	1891	31.6	24.9

Ham Lane - To Kingston Seymour

■ Total Movements /Speed - 8 to 14 Sep 15



Ham Lane East of Yew Tree Lane - To KS			
Time	Movements	85th %ile	Mean Ave.
12H, 7-19	1915	31.0	24.1
16H, 6-22	2166	31.3	24.4
18H, 6-24	2197	31.5	24.4
24H, 0-24	2230	31.5	24.4

Overall Survey Summary & Observation

- The data for Back, Middle and Ham Lane shows:
 - A mean average speed range of 22.4mph to 25.8mph
 - An 85th percentile speed range of 28.9mph to 33.1mph
- The data for Lampley Road shows:
 - A mean average speed range of 27.7mph to 29.8mph
 - An 85th percentile speed range of 35.1mph to 37.5mph
- Government policy is that:
 - 30mph should be the norm in villages
 - A village is 20 or more houses on one or both sides of the road within 600 metres
- Kingston Seymour is very unusual as a village in North Somerset to have roads through the centre of the village that are categorized at the national speed limit (60mph).

KSPC is now seeking to obtain feedback from attendees to the annual parish meeting as to what speed control options (if any) we should be considering

Summary of Options in The Village

- **Option 1** – Do nothing
- **Option 2** – Speed gates at Lampley Rd entrance to KS - [See picture](#)
- **Option 3** – Implement a 'small footprint' 30mph limit - [See map](#)
- **Option 4** – Implement a 'large footprint' 30mph limit - [See map](#)

Option 2 can be stand alone or combined with Options 3 or 4

The above excludes Lampley Road as this is linked to what happens at Yatton North End / Kingston Bridge

Option Costs

- **Option 1 – Do Nothing**
 - £0
- **Option 2 – Speed Gates**
 - £2,000
- **Option 3 – Small Footprint 30mph**
 - Speed Signs - £4,000
 - Admin order to register - £3,600
 - Total £7,600
- **Option 4 – Large Footprint 30 mph**
 - Speed Signs - £5,000
 - Admin order to register - £3,600
 - Total £8,600

	Option 1	Option 2	Option 3	Option 4
Speed gates	£0	£2,000	£2,000	£2,000
Speed signs	£0	£0	£4,000	£5,000
Admin Order	£0	£0	£3,600	£3,600
Total	£0	£2,000	£9,600	£10,600

There is budget held by KSPC for some of these works although our position is that NSC should fund. Potentially the Admin cost can be reduced / avoided if registered by NSC with another scheme

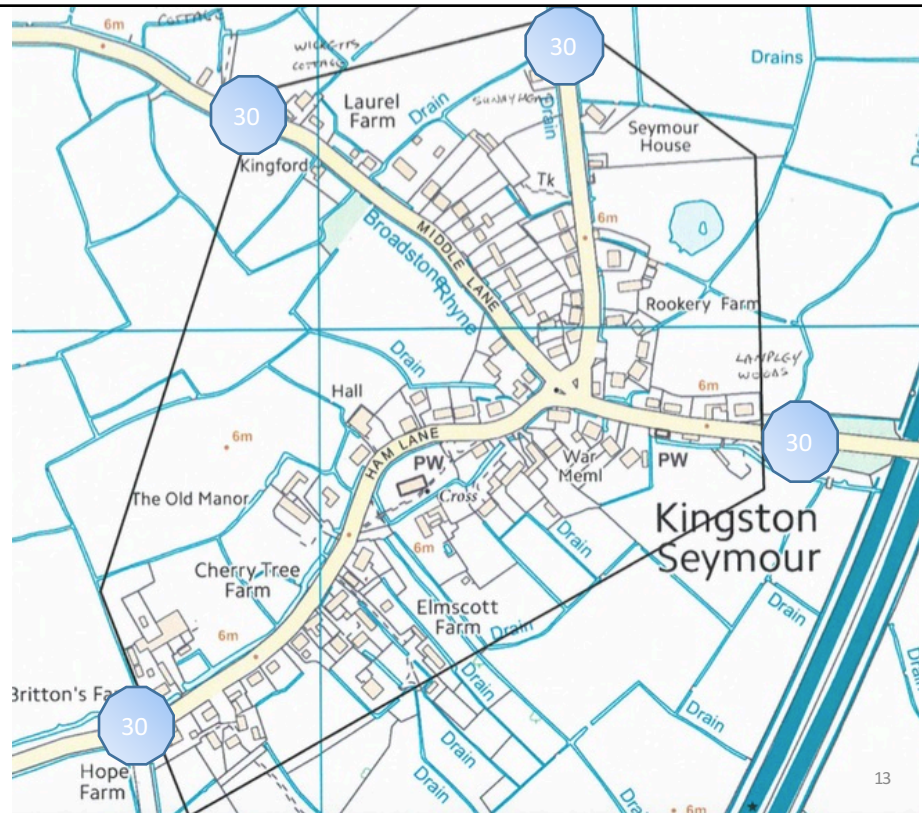
Points to consider looking at options

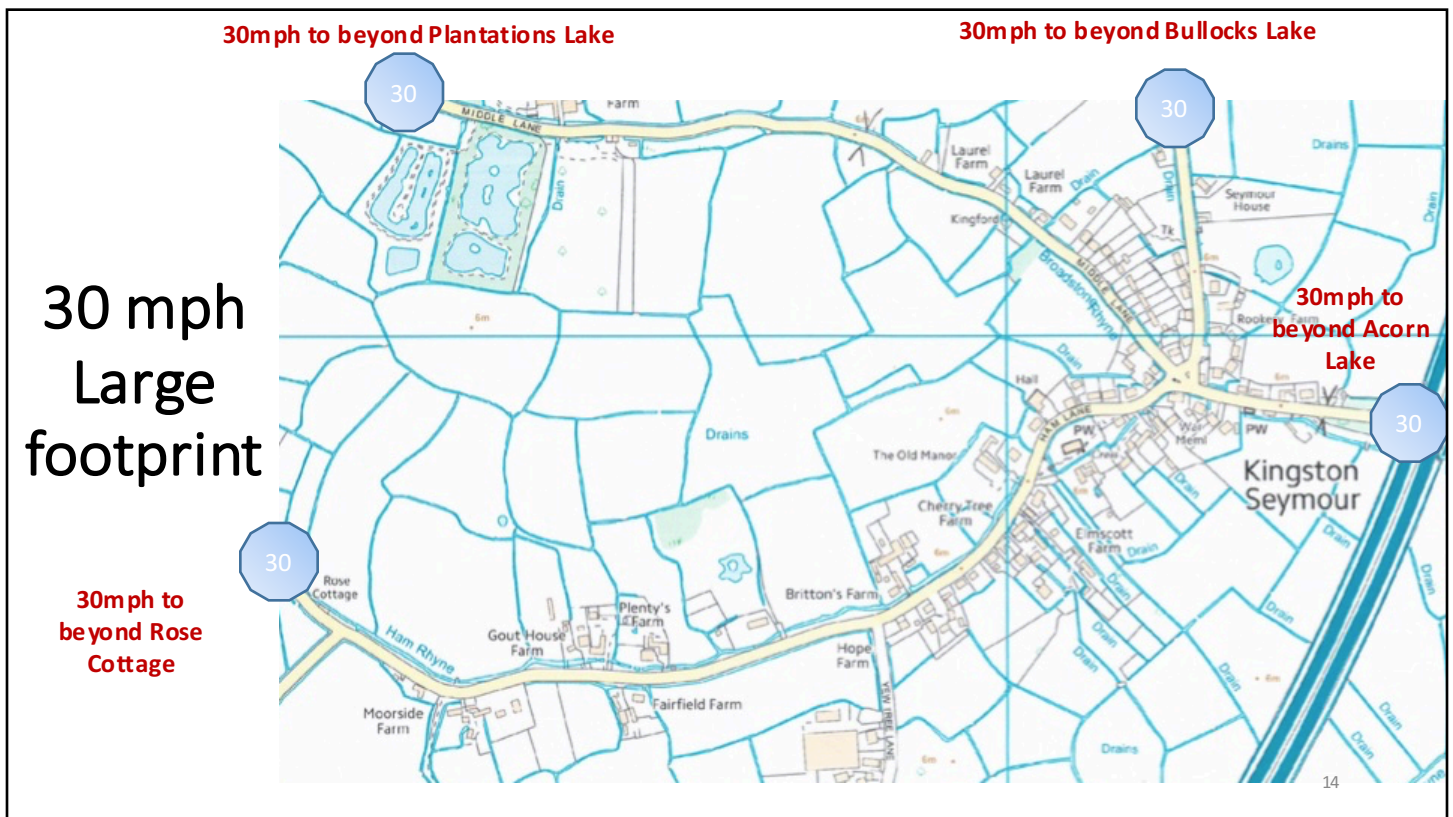
1. **Repeater Signs** - Any speed limits will require repeater signs in the village but do not need street lighting. These would be at intervals of 183m
2. **Kingston Bridge / Lampley Rd**
 - There is a question as to what the future speed limit will be at Kingston Bridge due to Yatton developments. This could be reducing to 30mph depending on where Yatton limit extended
 - This could lead to all of Lampley Rd being restricted between Kingston Bridge & Kingston Seymour if a speed restriction is adopted in Kingston Seymour
3. **20 mph options** – These have been discarded due to significant physical traffic calming measures that would be required that would conflict with farm traffic
4. **National Limit** - When a speed limit ends it will reinstate the national speed limit
5. **Demonstrable Case** - A speed limit will only be allowed where there is a demonstrable case for it

Speed Gates



30mph
Small
footprint





Your thoughts & preference?

- **Kingston Seymour**

- Option 1 – Do nothing?
- Option 2 – Speed gates at Lampley Rd entrance to KS?
- Option 3 – Implement a 'small footprint' 30mph limit (incl option 2)?
- Option 4 – Implement a 'large footprint' 30mph limit (incl option 2)?

- **Lampley Rd**

- Do we favour a speed limit between Kingston Bridge and Kingston Seymour?

Feedback provided from the meeting will help the PC decide the next steps to progress the above from a physical and funding perspective