

Agenda Item 10.1

Calne Without Parish Council 10th Feb 2020

Traffic Counts A4 Studley Crossroads and New Road

1. Introduction

Traffic counts for the A4 at Studley Crossroads and by Crewes Cottages were requested by the Parish Council in response to requests submitted to the Parish Council through the Wiltshire Council Highways Improvement Request system.

The counts were carried out from 7th to 13th October 2019 in the case of the A4 Studley Crossroads and for A4 Crewes Cottages from 4th to 10th of November 2019 and the summary of the results is given in the reports in Appendix 1.

2. A4 Studley Crossroads

The mean vehicle speed was 44.0mph, 12.3 % of vehicles were exceeding the posted speed limit, the mean speed of these was 54.0mph

The 85th percentile speed was 49.2mph. The 85th percentile speed is what is used nationally as a criterion for Community Speed Watch intervention. Based on the 85th percentile figure, this location will not be considered for further speed enforcement action.

3. A4 Crewes Cottages

The mean vehicle speed was 48.9mph, 5.2% of vehicles were exceeding the posted speed limit, the mean speed of these was 64.7mph

The 85th percentile speed was 55.5mph. The 85th percentile speed is what is used nationally as a criterion for Community Speed Watch intervention. Based on the 85th percentile figure, this location will not be considered for further speed enforcement action.

Recommendations:

1. That in respect of speeds at A4 Studley Crossroads the Parish Council accepts that the speeds recorded do not meet the criteria for action and agree that no further action can be taken.
2. That in respect of the speeds at A4 Crewes Cottages the Parish Council accepts that the speeds recorded do not meet the criteria for action and agree that no further action can be taken.
3. That the Parish Council will continue to monitor traffic conditions and encourage residents to report any accidents or near misses to the Police and Wiltshire Council.

Appendix 1

12 December 2019

(Survey ref:023-037)

Traffic Speed Survey Result – A4 Studley Crossroads, Derry Hill (50mph Speed Limit)

The results of the survey for the 7-day period from 07/10/2019 to 13/10/2019 are as follows:

- ☐ Speeds for a total of 41,971 vehicles in free-flowing traffic in both directions were recorded.
- ☐ Total traffic volume during this period was 89,844 vehicles. (This figure may be higher than above due to congestion when 'free-flowing' speeds cannot be recorded.)
- ☐ The 85th percentile speed was 49.2mph. This is the speed at or below which 85% of the traffic is travelling and is used nationally as a criterion for Community Speed Watch interventions.
- ☐ The mean speed was 44.0mph.

12.3% of recorded vehicles were exceeding the posted speed limit. The mean speed of these vehicles was 54.0mph

For your information the thresholds for interventions, based on the 85th percentile are below:

Speed Limit	No further action	Community Speed Watch	Police Enforcement
20mph	20 mph to 24 mph	24.1 mph to 38.9 mph	Over 39 mph
30mph	30 mph to 35 mph	35.1 mph to 41.9 mph	Over 42 mph
40mph	40 mph to 46 mph	46.1 mph to 49.9 mph	Over 50 mph

Community Speed Watch does not operate in any speed limit above 40mph due to the risks attached to this activity and the health and safety of volunteer teams. Only trained Roads Policing Officers undertake enforcement in 50mph and higher speed limits.

Speed Indicator Devices (SID) used by some Parish and Town Councils cannot be calibrated to operate in 50mph and 60mph limits.

As with every other department, we have to target our limited resources where they will be most effective and therefore we will not accept another survey request at or close to this location within the next 12 months unless there are exceptional circumstances.

Road Safety Team
roadsafetydriving@wiltshire.gov.uk
01225 713700

12 December 2019

(Survey ref:023-036)

Traffic Speed Survey Result – A4 Derry Hill, Studley (60mph Speed Limit)

□ East of Old Road

The results of the survey for the 7-day period from 04/11/2019 to 10/11/2019 are as follows:

- Speeds for a total of 45,360 vehicles in free-flowing traffic in both directions were recorded.
- Total traffic volume during this period was 104,595 vehicles. (This figure may be higher than above due to congestion when 'free-flowing' speeds cannot be recorded.)
- The 85th percentile speed was 55.5mph. This is the speed at or below which 85% of the traffic is travelling and is used nationally as a criterion for Community Speed Watch interventions.
- The mean speed was 48.9mph.

5.2% of recorded vehicles were exceeding the posted speed limit. The mean speed of these vehicles was 64.7mph

For your information the thresholds for interventions, based on the 85th percentile are below:

Speed Limit	No further action	Community Speed Watch	Police Enforcement
20mph	20 mph to 24 mph	24.1 mph to 38.9 mph	Over 39 mph
30mph	30 mph to 35 mph	35.1 mph to 41.9 mph	Over 42 mph
40mph	40 mph to 46 mph	46.1 mph to 49.9 mph	Over 50 mph

Community Speed Watch does not operate in any speed limit above 40mph due to the risks attached to this activity and the health and safety of volunteer teams. Only trained Roads Policing Officers undertake enforcement in 50mph and higher speed limits.

Speed Indicator Devices (SID) used by some Parish and Town Councils cannot be calibrated to operate in 50mph and 60mph limits.

As with every other department, we have to target our limited resources where they will be most effective and therefore we will not accept another survey request at or close to this location within the next 12 months unless there are exceptional circumstances.

Road Safety Team
roadsafetydriving@wiltshire.gov.uk
01225 713700

The traffic speeds recorded do not accord with the national thresholds used as a criterion for Community Speed Watch interventions. So, although the figures show that a very small percentage of drivers do travel