

20MPH SPEED LIMIT ASSESSMENT

106: Farndon



Cheshire West
and Chester

Report Produced for:	Helena Crawford Principal Engineer Cheshire West & Chester Council, Place Operations Phoenix House Clough Road, Winsford, CW7 4BD
Report Produced by:	Dave Reeves BA (Hons) MCIHT MSoRSA Road Safety Engineer Cheshire West & Chester Council, Highways Commissioning Northern Light Business Park Rossfield Road, Ellesmere Port CH65 3AW
Terms of Reference	CWaC Cabinet Decision Paper January 2016: 20mph Speed Limits-Borough Wide Delivery. DfT Circular 01/2013 Setting Local Speed Limits. TAL 01/04 Village Speed Limits.
Date of Report	6 th July 2018

1. Background

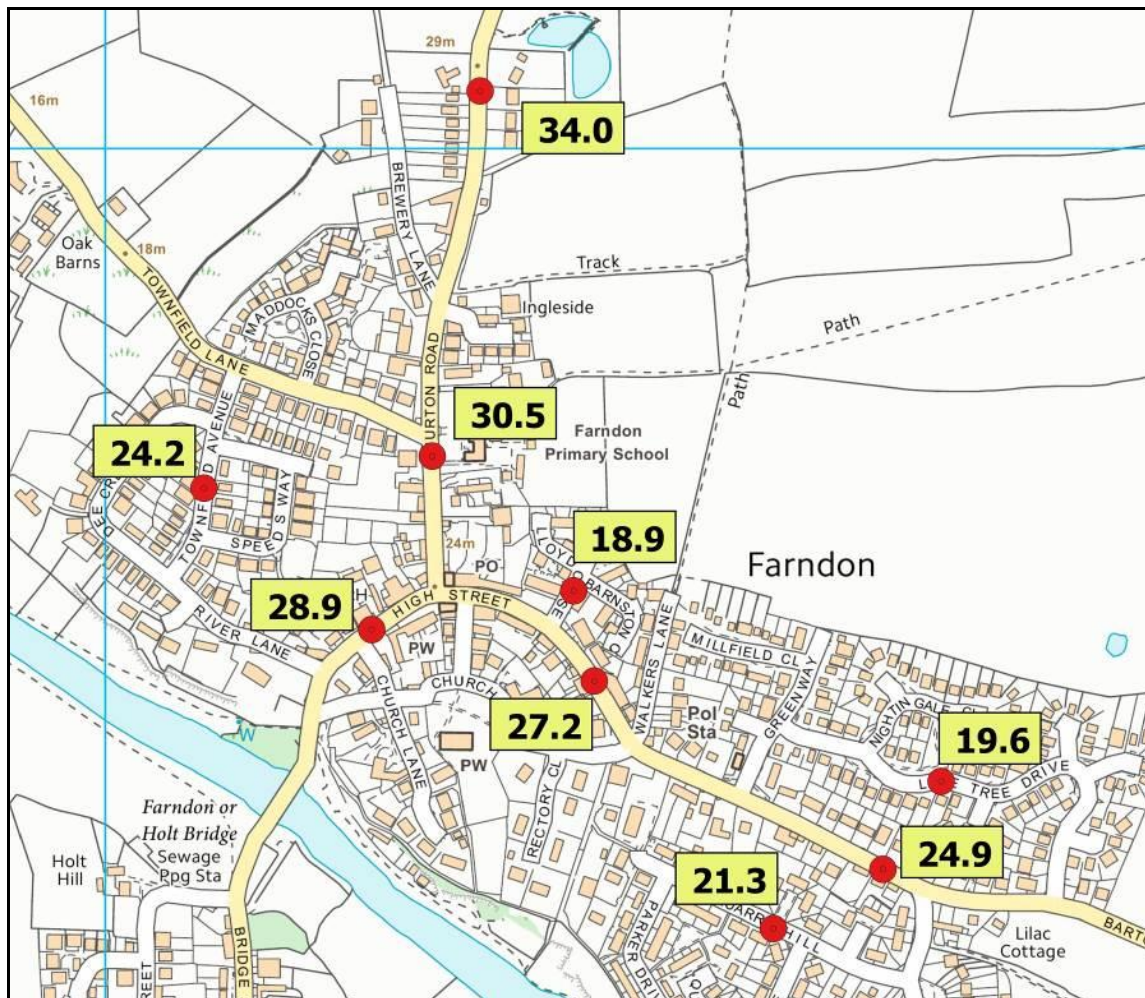
- 1.1 In January 2016 Cheshire West and Chester cabinet voted to introduce borough wide 20mph speed limits.
- 1.2 The policy agrees to introduce 20mph speed limits where the following criteria are met.
 - 1.2.1 Residential roads where the mean speed is below 24mph.
 - 1.2.2 Outside schools where the mean speed is below 30mph.

2. Data

- 2.1 Monitoring has been carried out on roads where highest mean speed is anticipated.
- 2.2 For the purposes of the assessment it will be assumed that the roads not monitored will have lower mean speeds than those assessed.
- 2.3 Cul-de-Sac roads shorter than 90m in length will not be included if accessed off a road subject to a speed limit of 30mph or higher.
- 2.4 Table showing the mean speed on monitored roads:

Road Name	Mean Speed (mph)
High Street (west)	28.9
High Street (east)	27.2
Barton Road	24.9
Churton Road (north)	34.0
Churton Road (school)	30.5
Lime Tree Drive	19.6
Townfield Avenue	24.2
Quarry Hill	21.3
Lloyd Close	18.9

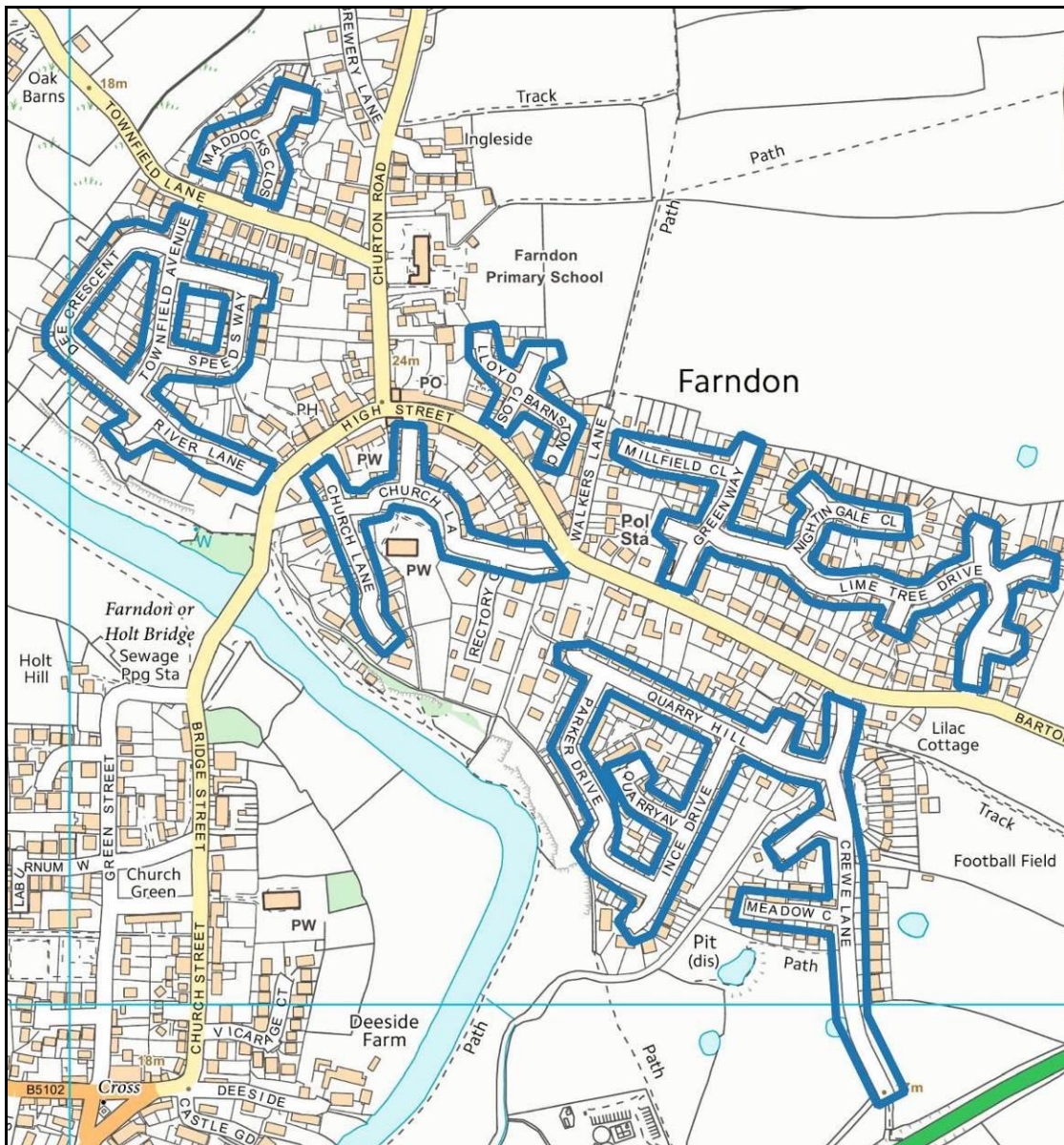
2.5 Plan showing location of monitoring point with recorded mean speeds.



3. Assessed Roads Meeting Criteria

1	Maddocks Close	10	Lloyd Close	19	Heron Close
2	Townfield Avenue	11	Barnston Mews	20	Crewe Lane
3	Speed's Way	12	Barnston Court	21	Meadow Close
4	Dee Crescent	13	Lime Tree Drive	22	Orchard Grove
5	River Lane	14	Nightingale Close	23	Quarry Hill
6	Dee View	15	Green Way	24	Ince Drive
7	Church Lane	16	Millfield Close	25	Quarry Avenue
8	Church Street	17	Kingfisher Close	26	Quarry Court
9	Starling Close	18	Plover Close	27	Parker Drive

3.1 Plan showing location roads meeting criteria.

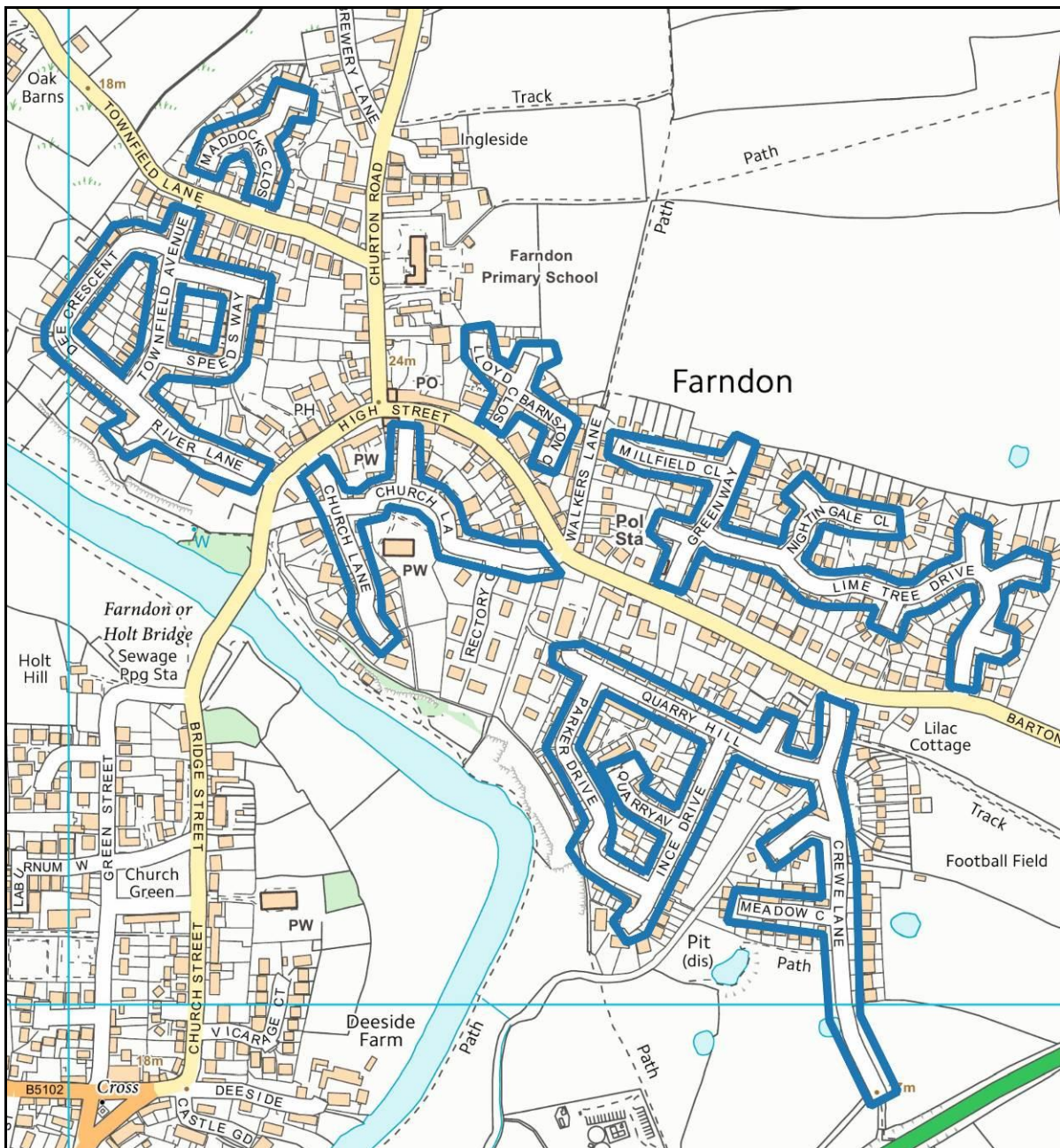


4. Validation comments

- 4.1 Mean speed outside Farndon School is 0.5mph above criteria.
- 4.2 Townfield Avenue initially included; mean speed 0.2 mph above criteria.
- 4.3 The validation team agreed to exclude Churton Road as mean speeds are too high.

5. Recommendations

- 5.1 Introduce 20mph speed limits on the roads identified in Section 3 and 4.
- 5.2 Location plan of roads included in the proposed scheme.



6. Cheshire Police comments

Cheshire Police have no objections to the recommendations in Section 5.

7. Assessed Roads Not meeting Criteria

Road	Comment
High Street	High average speed Through traffic function
Churton Road	High average speed Through traffic function
Barton Road	High average speed Through traffic function
Townfield Lane	Through traffic function
Swallowfields	Short road leading off a 30mph speed limit

8. Wards/ Parishes

8.1 Ward – Farndon.

8.2 Parishes – Farndon.

9. Validation meeting

Date	28 th / 29 th June 2018
Location	Northern Lights
Officers	Ian Stewardson – Cheshire Police, Andy Raynor – Principal Engineer, Kay Parry– Principal Engineer, Mike Powell – Principal Engineer Stuart Bateman – Engineer, David Reeves –Road Safety Engineer