


SPEED LIMIT ASSESSMENT	 Cheshire West and Chester
SITE 204 : Common Lane, Lach Dennis	

Report Produced for:	Jerry Gibbs Principal Engineer Cheshire West & Chester Council, Highways Commissioning Winsford Office
Report Produced by:	Dave Reeves BA (Hons) MCIHT Engineer Road Safety Cheshire West & Chester Council, Highways Commissioning Northern Lights Business Park, Rossfield Road, Ellesmere Port CH65 3AW
Terms of Reference	DfT Circular 01/2013 Setting Local Speed Limits. TAL 01/04 Village Speed Limits.
Promoters of Assessment	Parish Council
Roads Assessed	Common Lane
Date of Report	15 October 2019

1. Background

- 1.1** Lach Dennis Parish Council has requested a speed limit assessment on Common Lane.
- 1.2** Common Lane was also assessed for a 20 mph speed limit as part of the Council's 20 mph programme. The criteria was not met.

2. Routes Assessed

- 2.1** Common Lane from Holmes Chapel Road to Oakfield.

2.2 Location plan of assessed sections:



3. Description / Character of sections

3.1 Section 1 – Common Lane is a high quality rural ‘C’ class road with many accesses and no bends or junctions with a through traffic function. Housing set back from the highway.

3.2 Street view image of Common Lane



4. Data

4.1 Table of relevant data for the different sections.

Section n	Section Length (m)	Housing density (per 600m)	Number of injury collisions over 3 years	Mean Speed (mph)
1	520	46	0	37.6

4.2 Table showing indicative appropriate speed limit based on data collected.

	Indicative appropriate speed limit based on:		
Section	Character of section	Property density	Mean speed
1	60	30	40

4.3 Location plan of monitoring point showing recorded average speed.



5. Collisions.

5.1 Collision data from June 2016 to May 2019; there were no recorded injury collisions; there are no collisions recorded since the database started in 1980.

6. Initial Recommendations

6.1 Due to the rural nature of the roads, the recommendations are based on criteria in Section 7.2 'Single Carriageway Rural Roads' of the DfT Circular 01/2013 Setting Local Speed Limits.

6.2 Based on the evidence presented, the following speed limit is recommended.

6.2.1 Common Lane – 40 mph (no change).

7. Validation

7.1 Validation assesses the recommendations of section 6 to ensure consistency and to determine the final recommendations.

7.2 The housing density is 46 per 600m; however the housing on Common Lane is not clearly fronting the highway; some properties are totally obscured by vegetation.

7.3 The absence of a footway adds to the rural nature of the road.

7.4 The high average speed of 37.6 mph indicates a 40 mph speed limit is appropriate.

7.4.1 A 30 mph speed limit would have serious issues with non-compliance

7.4.2 Traffic calming will be required which may not be sufficient to ensure compliance.

7.4.3 Under the current policy all costs for a traffic calmed 30 mph speed limit must be met by the local member and/or parish council.

7.4.3.1 Cheshire Police must be satisfied any measures provided would ensure self-compliance.

7.5 The validation team agree with the recommendations in section 6.

8. Final recommendations.

8.1 Common Lane – 40 mph.

9. Cheshire Police comments.

9.1 Cheshire Police do not object to the recommendations in Section 8.

9.2 *'With the look, the current speeds and KSI history retaining the 40 mph seems appropriate and Cheshire Police would have no objections to the report recommendations.'*

10. Validation.

Date	13 September 2019
Location/ Method	Via email
Officers	David Reeves – Road Safety Engineer Andrew Jones – Cheshire Police Andy Raynor – Principal Engineer Jerry Gibbs - Engineer