



Chipping Barnet Area Committee

29 June 2021

Title	Hendon Wood Lane, NW7 - Speed Surveys
Report of	Executive Director - Environment
Wards	Totteridge Ward
Status	Public
Urgent	No
Key	No
Enclosures	Drawing No: BC/001966-01 - Speed Survey Location Plan Drawing No: BC/001966-01_FS_100_01 – Proposed VAS and Road Markings
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Summary

This report details the results of speed surveys carried out at four locations in Hendon Wood Lane NW7.

Officers Recommendations

1. That the Chipping Barnet Area Committee notes the results of the speed surveys that were undertaken in the above road.
2. That the Chipping Barnet Area Committee notes that the Executive Director, Environments decision to install vehicle activated signs and road markings in

Hendon Wood Lane at an approximate cost of £12,870 from the Road Safety & Parking Budget

1. WHY THIS REPORT IS NEEDED

- 1.1 A petition was submitted to the Hendon Residents Forum on 3rd September 2020, in which residents outlined concerns about speeding in Hendon Wood Lane. It was agreed at the Forum meeting to refer the matter to the Area Committee for consideration.
- 1.2 Hendon Wood Lane is located on the boundary of two constituencies, Hendon and Chipping Barnet, and it was subsequently established that the road falls within the Chipping Barnet area. It was agreed with the Chairmen of both the Hendon and Chipping Barnet Area Committees for the matter to be referred to the following meeting of the latter.
- 1.3 At the Chipping Barnet Area Committee on 6th October 2020 it was agreed to conduct speed surveys and to report the results back to a future Chipping Barnet Area Committee meeting. This report summarises the outcome of the surveys undertaken.

2. REASONS FOR RECOMMENDATIONS

- 2.1 The petition raised concerns that Hendon Wood Lane is “a narrow lane where there is barely enough room for 2 cars to pass safely, the pavements are narrow and any pedestrians are extremely close to passing traffic”. Residents are concerned that motorists regularly drive in excess of 40mph and are requesting signs to remind motorists to slow down and adhere to the speed limit.
- 2.2 Hendon Wood Lane is situated in Totteridge Ward (at its boundary with Hale Ward) between A411 Barnet Lane to the north and A5109 Totteridge Common to the south. The road is approximately 1.4 kilometres in length and has a speed limit of 30mph.
- 2.3 Speed surveys were conducted at four sites in Hendon Wood Lane from 1 February 2021 for one week, with speeds recorded in fifteen-minute intervals for 24 hours a day in the 7-day period. The proposed locations were confirmed with Ward Councillors and the Lead Petitioner prior to installation, and to confirm they were happy to proceed with the surveys during the present ‘lockdown’ conditions. A plan showing the speed survey locations is enclosed
- 2.4 The speed survey provides both the average speed and the 85th percentile speed, the two figures generally referred to when reporting speed data. The average speed quoted is the mean speed of all vehicles using the road and the 85th percentile speed is the speed at which 85 per cent of vehicles travel at or below along a road or street (under free flow conditions).
- 2.5 The 85th percentile speed could be characterised as the speed that the majority of motorists consider a sensible maximum for the road conditions. Conditions are usually considered acceptable if the 85th percentile speed is not in excess of the signed speed limit by 5mph or more.

- 2.6 The average speeds and 85th percentile speeds that were recorded during the 7-day survey in each direction are summarised as follows:

Road	Direction	Mean speed (mph)	85 th Percentile Speed (mph)
Hendon Wood Lane Site 1	Northbound	29.7	35.0
	Southbound	30.5	35.2
Hendon Wood Lane Site 2	Northbound	31.5	36.0
	Southbound	31.6	35.9
Hendon Wood Lane Site 3	Northbound	28.2	32.6
	Southbound	27.7	32.7
Hendon Wood Lane Site 4	Northbound	30.2	35.2
	Southbound	30.4	35.1

- 2.7 The 85th percentile speeds recorded average at around 35mph (the usual enforceable threshold) at three of the four sites. Further analysis shows that greater numbers of motorists exceeded the enforceable limit at Site 2 (approximately 20% in both the northbound and southbound directions), compared with approximately 15% in each direction at Sites 1 and 4 and 7% at Site 3.
- 2.8 The Personal Injury Accident Data has been analysed, and between 1 September 2017 and 31 August 20 (the most recent data currently available), there were three recorded personal injury accidents in Hendon Wood Lane. All three accidents are classified as 'slight' and are recorded as occurring in the northern half of the road, one at the junction with Barnet Road, another 30 metres south of this junction and the third approximately 400 metres south of this junction with Barnet Road. Unfortunately, we only have limited information about these incidents, however two of them appear to have been rear end shunt type incidents, both occurring in slow moving traffic. The third involved a collision of a northbound and a southbound vehicle, although it is not clear whether speeding was a contributory factor in this incident.
- 2.9 In view of the numbers of motorists exceeding the speed limit in both directions and the fairly rural character of Hendon Wood Lane meaning that some drivers may not realise that the speed limit is only 30mph, it is considered that the installation of vehicle activated signs would be beneficial to remind motorists of the limit. The number of motorists exceeding the limit in both directions was highest at Site 2, and therefore it is recommended to install vehicle activated signs displaying '30 SLOW DOWN' to face both northbound and southbound traffic at suitable sites on this stretch of road.

- 2.10 Where possible vehicle activated signs are installed on lighting columns, preferably on the near side of the road. However due to the age of the lamp columns in Hendon Wood Lane, our Street Lighting contractors have advised that new posts will be required to support the signs in this case, which would be installed close to existing lamp columns.
- 2.11 In view of the concerns raised by residents about speeding on the approach to the bend, additional road markings could be installed in addition to signage as a further speed deterrent. Slow markings are already present at several locations, however 'dragon's teeth' markings and additional slow markings could be installed on the northbound and southbound approaches to the bend.

3. ALTERNATIVE OPTIONS CONSIDERED AND NOT RECOMMENDED

- 3.1 An alternative option could be to install 'Watch your speed 30mph limit'. These would be less costly to install, although they may have less impact on vehicle speeds.
- 3.2 An alternative option would be to not install any measures however this would not address the concerns raised by residents.

4. POST DECISION IMPLEMENTATION

- 4.1 The proposed measures would be implemented and the locations agreed in discussion with Ward Councillors.

5. IMPLICATIONS OF DECISION

5.1 Corporate Priorities and Performance

- 5.1.1 The proposals here will particularly help to address the Corporate Plan delivery objectives of "a clean and attractive environment, with well-maintained roads and pavements, flowing traffic" and "a responsible approach to regeneration, with thousands of new homes built" by helping residents to feel confident moving around their local area on foot, and in a vehicle and contribute to reduced congestion.

5.2 Resources (Finance & Value for Money, Procurement, Staffing, IT, Property, Sustainability)

- 5.2.1 Area Committee funding of £2,000 was agreed at the October Committee to carry out speed surveys and data analysis.
- 5.2.2 Additional funding of **£12,870** will be allocated from the Road Safety & Parking budget to install two vehicle activated signs and additional road markings. This allows for the provision of new posts to install the signs, which will be required due to the age of the lighting columns at this location.
- 5.2.3 A breakdown of the costs for these measures is provided below.

Measure	No.	Approximate cost
VAS signs	2	£6,700
Accruals		£1,800
Dragons Teeth/SLOW road markings	2 sets	£1,200
Design costs		£2,000
Implementation costs @10%		£1,170
Total		£12,870

5.3 Social Value

5.3.1 None in the context of this report.

5.4 Legal and Constitutional References

5.4.1 The Council's Constitution Article 7, Area Committee Terms of Reference, Part 1 states that Area Committees may take decisions within their terms of reference provided it is not contrary to council policy and can discharge various functions, with specific matters relating to the street scene including parking, road safety, transport, allotments, parks and trees, within the boundaries of their areas in accordance with Council policy and within budget.

5.5 Risk Management

5.5.1 Not applicable in the context of this report.

5.6 Equalities and Diversity

5.6.1 The Equality Act 2010 outlines at section 149 the provisions of the Public Sector Equalities Duty which requires Public Bodies to have due regard to the need to:

- Eliminate discrimination, harassment victimisation and any other conduct prohibited by the Equality Act 2010
- advance equality of opportunity between persons who share a relevant protected characteristic and persons who do not share it.
- foster good relations between persons who share a relevant protected characteristic and persons who do not share it.

5.6.2 The relevant protected characteristics are: gender, race, disability, age, gender reassignment, pregnancy and maternity, religion and belief, and sexual orientation.

5.6.3 The broad purpose of this duty is to integrate considerations of equality into day to day business and keep them under review in decision making, the design of policies and the

delivery of services. It is not considered that the decision to agree with the recommendations in this report will affect those with protected characteristics under the Equality Act 2010.

5.7 **Corporate Parenting**

5.7.1 Not applicable in the context of this report.

5.8 **Consultation and Engagement**

5.8.1 None in relation to this report.

5.9 **Insight**

5.9.1 Collision data has been referenced in this report.

6. **BACKGROUND PAPERS**

6.1 Chipping Barnet Area Committee meeting, October 2020.

<https://barnet.moderngov.co.uk/ieListDocuments.aspx?CId=711&MId=10124&Ver=4>

6.2 Hendon Residents Forum, September 2020.

<https://barnet.moderngov.co.uk/ieListDocuments.aspx?CId=183&MId=10377&Ver=4>

