

**SURREY COUNTY COUNCIL****LOCAL COMMITTEE (WAVERLEY)****SURREY****DATE:** 22 September 2017**LEAD OFFICER:** Clive Batchelor, SCC Senior Engineer, Road Safety**SUBJECT:** B2130 Dunsfold Road / D181 Barrihurst Lane – Speed Limit Assessment**DIVISION:** Waverley Eastern Villages, Cranleigh and Ewhurst**SUMMARY OF ISSUE:**

In response to a continuing accident problem, the Waverley Road Safety Working Group (RSWG) carried out a speed limit assessment for the B2130 Dunsfold Rd / D181 Barrihurst Lane, with speeds being measured along the observed fastest section of Dunsfold Road near Lower Barrihurst Farm.

In accordance with the 'Setting Local Speed Limits' policy (2014), the assessment showed that reducing the speed limit to 40mph (from 60mph / de-restricted) was both appropriate and importantly had accident reduction potential. Surrey Police are represented on the RSWG and support this proposal.

It is recommended to reduce the speed limit to 40mph along the following lengths of highway:

- B2130 Dunsfold Road, westwards from the existing de-restriction to a point 430 metres east of the access to The Lodge.
- D181 Barrihurst Rd, southwards from the existing de-restriction to its junction with B2130 Dunsfold Road.

The sections of highway and location of the speed survey are shown in Annex 1.

**RECOMMENDATIONS:****The Local Committee (Waverley) is asked to agree that:**

- (i) Based upon the evidence the speed limits should be changed to adhere to the current policy, and gives authority to advertise a notice in accordance with the Traffic Regulation Act 1984 the effects of which will be to implement the proposed speed limit changes and revoke any existing traffic orders necessary to implement the changes. Subject to no objections being maintained the Order is made.
- (ii) Authorisation is given to the Area Team Manager in consultation with the Chairman of the Local Committee and Local Member to resolve any objections received in connection with the proposals.
- (iii) The speed limit be reduced to 40mph along the following lengths of highway:
  - B2130 Dunsfold Road, westwards from the existing de-restriction to a point 430 metres east of the access to The Lodge
  - D181 Barrihurst Rd, southwards from the existing de-restriction to its junction with B2130 Dunsfold Road

**REASONS FOR RECOMMENDATIONS:**

Recommendations have been made based upon existing policy, in consultation with Surrey Police Road Safety and Traffic Management Team.

**1. INTRODUCTION AND BACKGROUND:**

- 1.1 B2130 Dunsfold Road is a largely rural road linking Cranleigh and Godalming and also feeds the strategic A281 Horsham Road. The D181 Barrihurst Lane largely acts as a link to and from B2130 Dunsfold Road avoiding the traffic signalled junction with A281 Horsham Road.
- 1.2 Surrey's usual policy for determining speed limits was updated in June 2014. This is an 8 step approach consisting of:  
 Step 1 – Request to change speed limit is received.  
 Step 2 – Measure existing speeds and analyse road casualty data.  
 Step 3 – Compare the existing speeds with the suggested new speed limit.  
 Step 4 – Conduct feasibility of supporting engineering measures.  
 Step 5 – Consult with Surrey Police Road Safety & Traffic Management Team.  
 Step 6 – Local Committee decision and allocation of funding  
 Step 7 – Advertisement of legal speed limit order and implementation.  
 Step 8 – Monitoring of success of scheme
- 1.3 In this case, however, the request to change the speed limit arises out of the Waverley RSWG identifying an accident problem and agreeing that a 40mph speed limit is both appropriate and likely to have accident reduction potential.

**2. ANALYSIS:**

- 2.1 Speed data for the fastest observed location within the sections of road being assessed were obtained in November 2015. This survey took place on B2130 Dunsfold Road, near Lower Barrihurst Farm.
- 2.2 The results are shown in the following table:

Road	Average daily flow	Average 85%ile speed (mph)	Average mean speed (mph)
<b>B2130 Dunsfold Road</b>			
<b>Southbound</b>	3313	45.7	40.6
<b>Northbound</b>	3382	46.7	41.6

- 2.3 There have been 27 personal injury collisions on the section of B2130 Dunsfold Road / D181 Barrihurst Lane under assessment. Below is a table indicating the collisions between January 2010 and the end of April 2017.
- 2.4 The table below shows the number of personal injury collisions in the investigation period:

Year	Number of collisions
2010	2
2011	3
2012	2
2013	5
2014	3
2015	7
2016	4
Up to end of April 2017	1

- 2.6 The table below shows the severity of the personal injury collisions over the investigation period.

Severity	Number of collisions
Slight	23
Serious	4
Fatal	0

- 2.7 The table below shows the number of vulnerable road users injured over the investigation period.

Type	Number of collisions
Pedestrian	1
Cyclist	0
Equestrian	0
Young person (16 and under)	0
Older person (65 and over)	0

- 2.8 Most of the accidents have involved vehicle loss of control on bends with skidding in wet conditions. In particular a specific accident problem was identified in the section of B2130 Dunsfold Rd, east of its junction with D181 Barrihurst Lane. Significant drainage work and resurfacing has addressed this and accidents have consequently reduced.
- 2.9 The RSWG agreed that while a 40mph speed limit will generally reduce speeds by 2-3mph, it will highlight the appropriate speed of approach to the many bends in the sections of road under assessment. In particular, it will reinforce existing bend warning signs on B2130 Dunsfold Road at the two more extreme bends further west at Painshill Farm and at its junction with Stovolds Hill.
- 2.10. Under Step 3 of the policy, the table below compares the existing speed limit against the requested limit, the existing mean speed and the predicted mean speed of the road should the requested limit be introduced without additional measures. As the predicted mean speed is below the threshold for the scenario (see Table 2 of the policy), the speed limit reduction can be installed without additional supporting engineering measures.

Road	Current limit	Requested limit	Existing mean speed	Predicted mean speed
B2130 Dunsfold Road	60 mph	40 mph	41.1 mph	39.4 mph

**3. OPTIONS:**

- 3.1 There are two options available for local committees. These are:
- Agree to the recommendations contained within this report.
  - Agree to take no further action and retain the existing speed limit.

**4. CONSULTATIONS:**

- 4.1 Consultation has been carried out with Surrey Police Road Safety and Traffic Management Team. Surrey Police support the reduction in speed limit to 40mph.

**5. FINANCIAL AND VALUE FOR MONEY IMPLICATIONS:**

- 5.1 The cost of changing any speed limit includes legal advertisement costs associated with the statutory process, together with the costs of design and implementation. It is also possible that some electrical works, and re-lining would be required. It is estimated to cost £6,000.
- 5.2 The scheme has been developed by the Road Safety Engineering team, in conjunction with the RSWG and the scheme will be funded from the central road safety budget.

**6. EQUALITIES AND DIVERSITY IMPLICATIONS:**

- 6.1 The Highway Service is mindful of its needs within this area and attempts to treat all users of the public highway with equality and understanding.

**7. LOCALISM:**

- 7.1 Local communities would be affected by having to comply with the speed limit agreed upon by the Local Committee.

**8. OTHER IMPLICATIONS:**

Area assessed:	Direct Implications:
Crime and Disorder	No significant implications arising from this report
Sustainability (including Climate Change and Carbon Emissions)	No significant implications arising from this report
Corporate Parenting/Looked After Children	No significant implications arising from this report
Safeguarding responsibilities for vulnerable children and adults	No significant implications arising from this report
Public Health	No significant implications arising from this report

**9. CONCLUSION AND RECOMMENDATIONS:**

- 9.1 This report details the key points of the speed limit assessment. It is recommended that the speed limit should be reduced to 40mph along the following sections of highway:
- B2130 Dunsfold Road, westwards from the existing de-restriction to a point 430 metres east of the access to The Lodge
  - D181 Barrihurst Lane, southwards from the existing de-restriction to the junction with B2130 Dunsfold Lane

**10. WHAT HAPPENS NEXT:**

- 10.1 The proposal to make a Traffic Regulation Order is advertised in the local press, and following the making of the Traffic Regulation Order, the contractor is instructed to install the necessary signing and supporting engineering measures. The likely date that signing would be implemented if the Committee approve the recommendation is the fourth quarter of 2017/2018.
- 10.2 After at least three months following implementation of the scheme, another speed survey will be commissioned by the Road Safety Engineering team to check the effect on speed, while continuing to monitor the accident record.

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**Contact Officer:**

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**Consulted:**

Surrey Police Road Safety and Traffic Management Team

**Annexes:**

Annex 1 – Map showing extent of assessed speed limit area

**Sources/background papers:**

None

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