

Proposed Mitigation Measures - Wallhill Lane & Brownlow Heath Lane

A - Carriageway Realignment – The deflection shown on the drawing addresses the concern the current straight alignment of the slip road allows motorists to enter Wallhill Lane at speed and as such there is a potential for a collision to occur with a HGV performing a right turn when leaving the quarry.

B - Possible Right Turn Ban – This has been requested to prevent motorist from being able to travel towards the new link road when turning out of Wallhill Lane. It will be necessary to determine if this restriction would be supported by local businesses which are located on Wallhill Lane or adjacent lanes and if taken forward it will be subject to an unopposed statutory consultation period..

C - New 40mph Speed Limit & Gateway - The 40mph speed limit will enable motorists to reduce speed in advance of arriving at the narrow pinch point where oncoming traffic has priority. A gateway feature has been requested to provide a clear notification of the speed limit change to motorists. Introduction of this speed limit will be subject to an unopposed statutory consultation period..

Consideration has been given to the possible introduction of a 30mph speed limit however the requirements set out in the Council's Speed management strategy for a 30mph speed limit cannot be met.

D & E - New GIVE WAY marking and elongated traffic island – The new marking will provide a visual notification to motorists of the need to give way to oncoming traffic. The elongated traffic island should provide more emphasis of the narrow section of road and also deter motorists of attempting to compete for priority when driving through it. The new 30mph speed limit will allow a highly reflective bollard to be installed on the island instead of street lighting.

F - New edge of carriageway markings and coloured surfacing – These are intended to provide a visual effect to motorists the road is narrower through this more residential section of Wallhill Lane and encourage compliance of the 30mph speed limit. The width of the lane cannot be physically reduces due to the need to maintain access for agricultural vehicles.

G & H - New traffic island and GIVE WAY marking – The new traffic island will prevent motorists from using the farm entrance as a pull area to avoid oncoming traffic. The new traffic island will require motorists to give way to traffic which has passed through the narrow pinch point. The new give way system which will operate in both directions should help keep traffic an appropriate speed on approach to the pinch point.

I – New Vehicle Activated Sign – The sign will activate when a southbound vehicle is travelling between the pinch point and the new traffic island on the northbound approach to warn northbound traffic of the need to give way.

J – Refresh Existing Road Markings – Existing SLOW marking will be refreshed in advance of the new Give Way.

K – New Vehicle Activated Sign – The sign will activate when a northbound vehicle is travelling in excess of the 40mph speed limit.

L & M – New Vehicle Activated Signs – The signs will warn motorists of the cross roads ahead and will activate if a vehicle is travelling above a set speed (to be determined have been located at a distance in advance of the crossroads, as specified by Department for Transport guidance and where the required visibility distance for approaching motorists is not obstructed by bushes and trees.

N – New 40mph Speed Limits – New 40mph speed limits are proposed on Wallhill Lane and Brownlow Heath Lane starting at the junction with Childs Lane. The introduction of a 40mph speed limit on Childs Lane would not satisfy the requirements set out in the Council's Speed management strategy.

O1 & O2 – New Pedestrian warning signs – Proposed due to the lack of footway along the whole length of the lane.

P1 – New Footway – This has been requested to improve pedestrian safety as currently as the bend means pedestrians walking along this section of the road are not visible to approaching motorist

R & S - New traffic island and GIVE WAY marking – These measures will assist in controlling vehicle speeds when approach the row of residential properties and bends in the road.

T – Existing Centre Line refreshed with new LED road studs – These measures will assist in highlighting the bends to approaching traffic. Further information on solar LED road studs is available at <https://www.clearview-intelligence.com/products/solarlite-f-series-flush-road-studs>.

U - New Build outs and start of 40mph Speed Limit – The proposed 40mph speed limit on Brownlow Heath Lane will require new speed limit signs at the junction with Brook Lane. New buildouts on the junction will reduce the width of the junction and provide a suitable location to install the new signs. The introduction of a 40mph speed limit on Brook Lane would not satisfy the requirements set out in the Council's Speed management strategy.

V – New 40mph Speed Limit – New 40mph speed limit is proposed to start on Brownlow Heath Lane at the junction with the A34.