

Ockley Village Road Safety Feasibility Study Executive Summary

2020 Consultancy were commissioned by Ockley Parish Council to undertake a feasibility study to establish the current issues with road safety and identify the most suitable improvements within the village of Ockley, Surrey.

As part of the review into the existing situation the following issues were identified:

- Traffic speed on the approach to Ockley village;
- Traffic speed through Ockley village;
- Safety at the A29 junction with B2126 Lake Road;
- Existing signage and road markings through the village;
- Existing Vehicle Activated Signs;

The key issues were considered to be traffic speed both on the approach to and through the village and safety at the A29 / B2126 junction.

An ATC survey was commissioned to gain an understanding of traffic volume and speed through the village. The survey was carried out along the A29 approximately 430m south of the B2126. During a seven-day period over 15,500 vehicles passed through the village with highest traffic flow occurring Monday – Wednesday. Average traffic speed was 34.1mph and the 85th percentile was 40.3mph within the 30mph speed limit. 74% of traffic passing through the village were travelling at 30mph or above. 21% of traffic was travelling between 35mph-40mph and 10% of traffic was travelling between 40mph-45mph.

2020 Consultancy identified a number of proposals following investigation into the issues experienced within the village and analysis of the ATC survey:

- New 40mph speed limit located along A29 on both approaches to village;
- Gateway treatment at 30mph terminals along A29;
- Refresh all existing white line markings;
- Readjust edge of carriageway line to create narrower running lanes;
- Replace existing 30mph repeater signs with yellow backed signs;
- Widen existing footway where sufficient width;
- Install two Vehicle Activated Signs;
- Increase junction warning signage on approach to key junctions;
- Lobby highway authority and Road Police Unit for speed enforcement;
- Junction redesign at A29/B2126 Lake Road junction.

Based on our prioritisation it is felt that the following measures should be treated as the most effective against cost and therefore highest priority:

1. New 40mph speed limit located along A29 on both approaches to village;
2. Gateway treatment at 30mph terminals along A29;
3. Install two Vehicle Activated Signs;
4. Widen existing footway where sufficient width.

It's also worth noting that whilst the proposal to redesign the A29/B2126 junction is high cost, it would be effective at reducing traffic speed on the approach to the junction. Four collisions have occurred within the proximity of this junction.

It is the opinion of 2020 Consultancy that Surrey County Council should allocate funding to address the highest priorities in the short term and consider further investigation of the A29/B2126 junction.

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