

**Proposed Development at
The Red House, Brockhollands,
Near Bream, Gloucestershire**

**Vehicular Access
Recommended Visibility Splays**

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Background and Speed Survey

This document relates to proposed development on land at The Red House, Brockhollands, Near Bream, Gloucestershire GL15 4PP, and has been produced on behalf of the applicants, Mr and Mrs Challenger of The Cobble, Landsdown Walk, Bream, Gloucestershire GL15 6NE.

In order to ensure that appropriate visibility splays are provided at the vehicular access serving the site, the applicant commissioned a 7 day automatic speed and volume survey, which has been conducted by Matrix Traffic and Transport Data between 28 September and 5 October 2023.



It is understood that the applicant will be submitting full details of the survey results as part of the planning application.

A summary of the 7 day speed data captured by the survey is outlined below:

Northbound

Mean average speed 23.3 mph

85th Percentile Speed 28.9 mph

Southbound

Mean average speed 24.6 mph

85th Percentile Speed 30.8 mph

Recommended Visibility Splays

The speed data has subsequently been used to calculate recommended visibility splays based on criteria/formulae contained within the Manual for Streets 1 and 2.

Based on the speed data, it is recommended that visibility splays as follows are provided and maintained at the site access:

Visibility Splay Looking South from Access

2.4 x 40.7 metres

Visibility Splay Looking North from Access

2.4 x 44.6 metres

The above figures include a 2.4m bonnet adjustment, as prescribed by the Manual for Streets.

In order to assist the Highway Authority's consideration of the planning application, it is recommended that the above visibility splays are indicated on any relevant drawings.

The extract from the Manual for Streets below illustrates (in blue) how these should be shown on the drawings and provided at the site.

