

**22/0001/LRB (Planning Ref: 21/01603/PP ) –  
Land South of High Oaks Artarman Road, Rhu Helensburgh**

Can you demonstrate how, using design guidance, the sight visibility figures for this application have been arrived at, and whether it is possible for the figure of 25 to be reduced to 17 and still be within the guidance.

Artarman Road has a speed limit of 30mph, in accordance with **ROADS GUIDANCE for DEVELOPERS 28 October 2008** a visibility splay of 42 meters in both directions is required at the proposed new access.

In response to a site visit on 27<sup>th</sup> October 2020 it was agreed that due to low volume and speed of vehicles a reduced visibility splay of 25 meters in both directions would be acceptable, this is the minimum visibility splay for a road with a speed limit of 20mph

The visibility splay cannot be reduced to 17 meters, this is the minimum visibility splay for a speed limit of 10mph, Argyll & Bute Council cannot set a speed limit of less than 20mph therefore we cannot accept visibility splay for a speed limit that cannot be set. To set a speed limit of 10mph Consent from Scottish Ministers would need to be applied for.

**ROADS GUIDANCE for DEVELOPERS 28 October 2008**

**2.0 Visibility Requirements**

2.1 The provision of a new or improved access from a private access onto a public road must

Fig 2 Visibility Splays for Accesses on the Outside of Bends

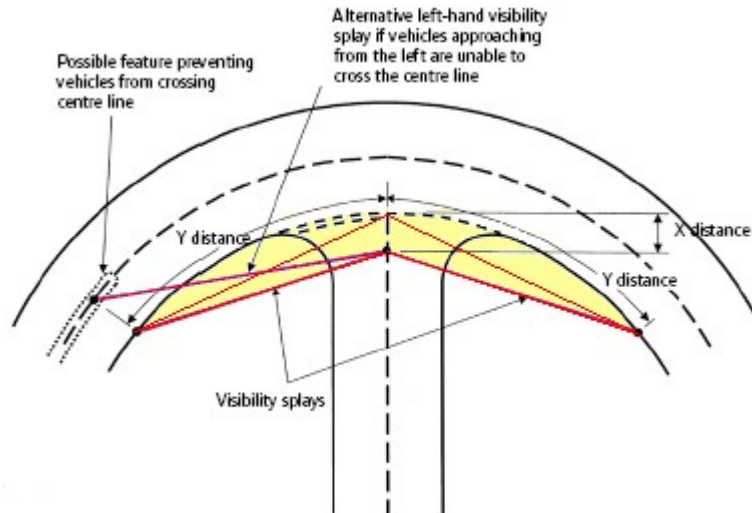


Fig 3 Visibility Splays for Accesses on Inside of Bends

The normal requirements for visibility distances are set out below.

X – distance (m)

The 'x' – distance is 2.4m.

Y – distance (m) and Forward Sight Distance (m)

The 'y' distance is based on a) the speed of the traffic on the public road, to ensure drivers can react in time to avoid a collision and b) the expected traffic flow on the public road, to avoid the need for traffic on the public road to slow down or stop in order to avoid a collision.

For quiet roads, Table 1 should be used. For Strategic Routes and other routes carrying traffic volumes greater than 3000 vehicles per day (vpd), use Table 2. See Appendix A for a list of Strategic Routes and those carrying higher volumes of traffic.

Table 1 Lightly Trafficked Roads

Public Road								
Vehicle Speed (mph)	60	50	45		40	35	30	20
'Y' dimension	136	103	84		75	53	42	25