

Midlands Future Mobility Driveable Route:

Urban, Inter-urban, Rural and Highways Route Sector Overviews

Route Name/ID:	Sector A – Midlands Future Mobility
Location:	Holyhead Road, Coventry
Road Authority/Land Owner:	Coventry City Council/ Transport for West Midlands Key Route Network Authority.
Route/Sector Length:	2.75 KM/ 1.7 Miles
Suitability:	Suitable for connected and automated vehicles designed to operate in mixed traffic environments
Examples of other road user (not exhaustive):	Pedestrians, cyclists, vehicle traffic e.g. passenger cars, motorcycles, light and heavy goods vehicles etc.

Route/Sector Map:



Route/Sector Description:

The Holyhead Road (A4114) starts at the junction of the Allesley Old Road (B4106) and the A4114. The road continues for 2.75 KM where it meets the Coventry Ring Road. The end to end journey time varies due to peak traffic time but should take no more than 20 minutes.

The majority of the sector is 30 mph, although there is a small section at the start (Allesley Road End) that is 40 mph.

The pedestrian, cycle and other road user traffic on these paths and roads is very time of day dependent, with factors such as commuting hours, and latterly, COVID-19 restrictions, all influencing the level of pedestrian and cycle movement on the sector. Under normal circumstances, peak movement times are expected to be 08:00-09:30, 12:00-13:00 and 16:00-17:30.

Route Complexity:

This road has a number of features. For some sections it is single carriageway in both directions and in other sections it is multi-lane with lanes for turning left/right depending on the direction.

There are several junctions along the route, two notable junctions are the intersection with Grayswood Avenue and the intersection with Four Pounds Avenue.

The road is mainly residential with some commercial parts although there is a large retail park after the Four Pounds Avenue Intersection (heading citybound).

Other features on this sector are cycle lanes heading out bound from the Grayswood Avenue junction, a mini-roundabout and a rail bridge with a height restriction of 4.6 metres.

Connectivity and Key Infrastructure:

There is a substantial amount of infrastructure installed across 22 sites in this sector including:

- 10 locations featuring Road Side Units
- 10 locations featuring CCTV cameras
- 6 locations featuring 5G enabled ANPR cameras
- 2 locations with GLOSA enabled

We have used two different communication solutions along this sector with some sites using a cellular solution and others using a fibre solution. There is 5G coverage of part of the route from the Ring Road junction to the junction with Evenlode Crescent, with the rest of the route covered by 4G.

A full digital drive through has been mapped of the sector and is available upon request, a screenshot from the drive is shown here:


Comments/Further Information:

The Met Office regional climate information for the West Midlands can be found [here](#).