

Stretton under Fosse Casualty Reduction Scheme 2022

Background information

The priority major/minor crossroads junction subject to this study is the B4455 Fosse Way (major through route) at its junction with B4112 (major side roads). This is a rural area with only a couple of farm dwellings in the surrounding area. The side roads primarily link the villages of Withybrook to Monks Kirby and surrounding villages/hamlets. The B4455 Fosse Way is a single carriageway, two-way road, running from north to south. The speed limit is 60mph on all roads.



Collision Data

A total of 5 Personal Injury Collisions have been recorded in the last 5 years resulting in 7 casualties.

These consist of 3 slight, and 2 serious in severity.

Severity rate is calculated as a percentage:

(Number of collisions resulting in a Killed or Serious Injury) / (Total Number of collisions resulting in any injury)

Site Total $2/5 = 0.4 = 40\%$

County Total $284/1653 = 0.17 = 17\%$

The collision severity rate at this location is 40%, compared to the county average of 17%.

Works to be implemented as part of the improvement scheme

This casualty reduction programme was installed in 2022, and works included the design and installation of new advance warning signs of the junction, the signs and carriageway markings within the vicinity of the junction renewed and refreshed, and the cutting back and general maintenance of surrounding vegetation that may have previously contributed to obstructed visibility. The sign redesign at the junction, which includes relocating half the sign, reduces sign clutter, as well as making the directions clear and concise to the motorists, without leading to visibility blackspots, which is what the previous sign may have caused.

Before:



After:



Before:



After:



Before:



After:



Before:



After:



Results

With these improvements on the approaches and at the crossroads, the Traffic and Safety Team believe that these will reduce the likelihood of further collisions occurring at this location, as the improvements mean that the motorist has a better and clearer understanding of the road layout ahead, and can adjust their speed accordingly, which will allow vehicles from all 4 approaches to negotiate this crossroad in a suitable manner.