

Parkfield Rd & Main St Crossroads Rugby

Casualty Reduction Scheme Overview

Site Description

The priority major C road subject to this study is the C800 Parkfield Rd & Brownsover Rd with its junction (Cross Rds.) with the B4112 Main St & Newbold Rd in Newbold on Avon, Rugby.

The C800 Parkfield Rd, is a single carriageway, two-way road running from Northeast to Southwest and Southwest to Northeast, with a crossroads intersection where it changes to Brownsover Rd with 1 x B class carriageway which is the B4112 High St and Newbold Rd running Southeast to Northwest and Northwest to Southeast. The C800 has existing traffic calming features prior to the crossroad intersection which are made up of Speed Cushions and Speed Ramps. The B4112 has priority at the crossroads intersection. The carriageway and surrounding carriageways are subject to a 30mph speed limit which is set by virtue of street lighting. The area in question is predominantly made up of residential properties with a Public House located on the northeast corner of the crossroads, located approx. 60 metres west of the crossroads is an area of public amenities consisting of a Chip Shop, Local Supermarket and a Beauty Salon. These amenities are serviced by a one-way service road with parking areas for vehicles. Bus Stops with off carriageway bays are located either side of the crossroads on the B4112 approx. 25 meters from the centre of the crossroads.



COLLISION DATA

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

3 x Slight in severity & 2 Serious in severity.

The majority of the collisions were due to failure to give way at the crossroad intersection.

WORKS TO BE IMPLEMENTED AS PART OF THE IMPROVMENT SCHEME.

- Improving and installing new Advance Directional Signage (ADS) with crossroad diagrams, warning signs on all approaches to the junction including Give Way signage at the junctions.
- Improvement of all carriageway markings (Slow, Give Way, Centre lines, hatchings.)
- Footway Build-Out to reduce the junction widths.
- Installation of Pedestrian Refuge Island.

Before Images



Images of Completed Works.



The improvement works of the physical features of narrowing down the carriageway and widening the eastern footway, helps to ensure that motorists are only able to enter Main St one at a time rather than being able to have two vehicles waiting side by side, which lead to confusion and collisions. The installation of the pedestrian refuge at this junction allows pedestrians to be able to cross the wide junction in two stages allowing them safe refuge at peak times of traffic flows.

Before Images



Images of Completed Works.



The installation of the waiting areas within the hatched area of the crossroads give clear indication to motorists of where to place their vehicle while waiting to enter the side roads of Main Road, reducing the confusion to all road users.

Before Images



Images of Completed Works.



The improvement works of the physical features of narrowing down the carriageway with the buildout on the eastern footway and carriageway hatched marking on the approach to the Giveaway line, helps to ensure that motorists are only able to enter Main St one at a time rather than being able to have two vehicles waiting side by side, which lead to confusion and collisions.

Overview image of the completed works.

