

Banbury Rd B4100 M40 Jct 13 Slip Rd, **Nr Bishops Tachbrook**

Casualty Reduction Scheme Overview

Site Description

The priority major A/B road subject to this study is the A452/B4100 Banbury Road and its approach to the M40 junction 13 exit slip road.

The A452/B4100 Banbury Road is a rural single carriageway, two way road running from North to South and South to North which crosses over the M4- motorway where it turns in the B4100. Approximately 100 meters north on the A452 of the M40 crossing, there is an enter slip road for motorists travelling south bound, and a ghost lane arrangement and a right turn lane for motorists travelling North bound on the A452 which leads motorists to enter the M40 in a south-east bound direction at Junction 13. Approximately 25m south of the M40 crossover where the A452 joins the B4100 is where the M40 Junction 13 slip road joins the Banbury Road. The end of the slip road splits into two lanes to allow vehicles exiting the M40 to either turn left (southbound) onto the B4100 or to turn right (Northbound) on the A452, the slip road has a central island separating the two lanes. The end of the slip road has 3 x numbered Give Way warning signs for vehicles exiting the M40 and No Entry Signs located at the rear of the Give Way signs to stop vehicles travelling along the Banbury Road entering the off-slip road. The Banbury Road is an unlit section of carriageway and is subject to a 50mph speed limit.



COLLISION DATA

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

All 7 collisions resulted in Slight in severity.

All collisions were due to vehicles failing to give way at the end of the Junction 13 Slip Road.

WORKS TO BE IMPLEMENTED AS PART OF THE IMPROVMENT SCHEME.

The provision of installing new Advance Directional Signs (ADS), warning signs and carriageway marking on the approaches to the M40 Jct 23 slip road should improve the advanced warning of the slip road for motorist travelling along this section of carriageway. The proposed improvements to the ADS for vehicles travelling off the M40 slip road should warn the motorist that they are approaching a priority junction so they can reduce their speed accordingly to the layout of the junction.

Banbury Rd Southbound Approach Before Images.



Images of Completed Works



Banbury Rd Northbound Approach Before Images.



Images of Completed Works



RESULTS

With these improvements to the Advanced Directional Signs (ADS) on the approaches to the M40 junction 13 slip road, the Traffic and Road Safety Team envisage that these will reduce the number of collisions and casualties at the location as the motorists will have a better and clearer understanding of the road layout and should reduce their speed accordingly which will allow them to negotiate this section of carriageway in a safe manner.