

**TABLE 1 - WORK IMPLEMENTATION PROGRAMME FOR 2009/2010 ROAD SAFETY SCHEMES**

Priority Order	Corridor	Site Location/Problem	Comments	Casualty Record by Category (3 years to Sept 2006)	Total No. of Recorded Accidents	Estimated Scheme Cost (Works + Fees)	Anticipated Accident Reduction	Anticipated Casualty Reduction	First Year Rate of Return (FYRR)
1	South	<b>A33 junction with Rose Kiln Lane (North)</b> <i>Problem</i> - Various turning conflicts and nose to tail conflicts. High percentage of dark accidents and suspicion of red light violations. <i>Outline scheme</i> - Traffic signal modifications and lighting upgrade.	Accident Investigation confirmed night time safety issues. Lighting survey undertaken confirming poor lighting levels compared to current standards. Lighting improvement scheme designed, awaiting final costs prior to scheme implementation. Minor signal modifications to be implemented.	KSI: 3 KSI Child: 0 KSI 17-25: 1 Slight: 14	16	£25,000	11	12	1109
2	South	<b>Southampton Street junction with Mount Pleasant</b> <i>Problem</i> - Turning conflicts, nose to tail conflicts, motorcycle and pedestrian accidents. <i>Outline scheme</i> - Possible junction improvement, carriageway markings and signing.	Turning and nose to tail conflicts. Improved carriageway markings and signing to improve driver discipline. The serious casualty involved a motorcyclist. One accident involved an alcohol impaired pedestrian.	KSI: 1 KSI Child: 0 KSI 17-25: 0 Slight: 6	6	£15,000	3	4	504
3	South	<b>Northumberland Avenue between Whitley Wood Road &amp; Wincanton Road</b> <i>Problem</i> - Pedestrian and vehicular conflict accidents. <i>Outline scheme</i> - Improved pedestrian facilities, potential parking controls.	Pedestrian accidents and one vehicular conflict accident. The serious injury was sustained by a pedestrian. Local Centre shops result in short term parking and there is a bus U-turn facility adjacent to the Whitley Wood Road junction.	KSI: 1 KSI Child: 0 KSI 17-25: 0 Slight: 2	3	£10,000	2	2	504

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4	South	<b>Northumberland Avenue adjacent to Durham Close (short length)</b> <i>Problem</i> - Pedestrian accidents and pedal cycle accident. <i>Outline scheme</i> - Improved pedestrian facilities.	There were two pedestrian accidents crossing the Northumberland Avenue carriageway. The pedal cycle accident also involved a manoeuvre to cross the carriageway.	KSI: 0 KSI Child: 0 KSI 17-25: 0 Slight: 3	3	£10,000	2	2	504
5	West	<b>Tilehurst Road junction with Water Road</b> <i>Problem</i> - Various turning conflicts and nose to tail conflicts at mini-roundabout junction. <i>Outline scheme</i> - Junction improvement including significant geometry changes, signing and carriageway markings.	Turning conflict accidents included pedal cycles. The four serious casualties involved young males in the 17-25 age group. Lack of deflection on westbound approach to junction causes concern regarding approach speeds.	KSI: 0 KSI Child: 0 KSI 17-25: 4 Slight: 7	7	£35,000	5	8	360
6	West	<b>The Meadway junction with Honey End Lane</b> <i>Problem</i> - Turning conflicts, nose to tail conflicts, pedestrian and pedal cycle accidents. <i>Outline scheme</i> - Possible junction improvement, carriageway markings and signing.	The existing mini-roundabout junction lacks deflection, entry speeds are considered inappropriate and the proximity of the petrol filling station results in significant turning manoeuvres and subsequent conflicts. The serious injury involved a pedestrian.	KSI: 0 KSI Child: 0 KSI 17-25: 1 Slight: 5	5	£30,000	4	4	336

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7	South	<p><b>Northumberland Avenue junctions with Canterbury Road and Hexham Road</b></p> <p><i>Problem</i> - Various turning conflicts and nose to tail conflicts at mini-roundabout junctions.</p> <p><i>Outline scheme</i> - Junction improvement including signing and carriageway markings.</p>	The existing mini-roundabout junctions lack entry deflection, entry speeds are considered inappropriate and conflicts subsequently occur. The serious injury involved a pedestrian.	KSI: 1 KSI Child: 0 KSI 17-25: 0 Slight: 3	4	£30,000	3	3	302
8	South	<p><b>Northumberland Avenue junction with Stockton Road</b></p> <p><i>Problem</i> - Pedestrian and vehicular turning manoeuvre conflicts accidents.</p> <p><i>Outline scheme</i> - Junction improvement including signing and carriageway markings.</p>	Northumberland Avenue is very wide at this point. Vehicular speeds through the junction are considered inappropriate and have been contributory to the pedestrians and vehicular accidents. The serious injury involved a motorcyclist emerging from the side road.	KSI: 1 KSI Child: 0 KSI 17-25: 0 Slight: 3	4	£25,000	3	3	302
9	South	<p><b>Northumberland Avenue junction with Cressingham Road and Long Barn Lane</b></p> <p><i>Problem</i> - Pedal cycle and a motorcycle accident.</p> <p><i>Outline scheme</i> - Junction improvement providing improved pedal cycle facilities, signing and carriageway markings.</p>	Whilst this scheme is 9th on the list in terms of priority order, an on-going history of pedal cycle accidents at this roundabout junction has been established and will continue if untreated. An innovative approach for Reading may be adopted for the junction improvement based on the experiences and successes of other Highway Authorities.	KSI: 0 KSI Child: 0 KSI 17-25: 0 Slight: 4	4	£30,000	3	3	252





