

## Technical note

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<b>Project</b>	WMSBC: Walk and Cycle Barbourne to Warndon Villages	<b>Date</b>	9 <sup>th</sup> October 2009
<b>Note</b>	Preferred Option	<b>Ref</b>	TK/WMEE300/60.2/003
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<b>Checked</b>	J Wyllie 30/10/09		
<b>Consistency Check</b>	B Matthews 30/10/09		

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### **1** *Introduction*

1.1 This technical note details further information on the preferred option for the Barbourne to Warndon Villages cycle route and should be read in conjunction with drawings TK/WMEE300/110 – 114.

1.2 This technical note builds on information within the previous technical note 002 Site Investigation (TK/WMEE300/60.2\_002).

### **2** *Engineering features*

2.1 The drawings primarily identify the route and what type of facility is to be provided. There are also highlighted areas which require specific engineering solutions for example a toucan crossing, junction improvement or ramps.

### **3** *Cost estimate*

3.1 An initial cost estimate of the scheme outlined on the drawings is attached to this technical note. The cost subtotals do not tally with those contained within the WTS preliminary appraisal report as supervision costs were measured separately in the preliminary appraisal report. The final totals are the same in both reports.

### **4** *Outstanding issues*

4.1 **Public Rights of Way:** A higher right of way will be required to legally allow cyclists to use the existing footpaths. The outcome of recent consultation with WCC officers is that the proposal will be to convert these to bridleways. This issue was discussed more fully in the previous technical note (002 Site Investigation).

### **5** *Interaction with other elements of WMSBC*

5.1 This walk and cycle scheme has minimal impact on other schemes within the WMSBC. The exception is a Phase 1 premium bus route corridor at the

junction of Tolladine Road/Middle Hollow Drive. With minimal planning both schemes will be able to proceed.

**6*****Recommendation*****6.1**

We recommend that the proposed route shown in drawing 110-114 is taken forward as the preferred option. Extracts of the design work undertaken to date should be prepared for inclusion in the Worcester Major Scheme Business Case. This should be supported by final layout drawings and cost estimates suitable for independent review.