

## Technical note

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<b>Project</b>	WMSBC: Walk and Cycle Lower Broadheath to City Centre	<b>Date</b>	13 <sup>th</sup> October 2009
<b>Note</b>	Preferred Option	<b>Ref</b>	TK/WMEE320/60.2/003
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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 Lower Broadheath to City Centre Cycle Route and should be read in conjunction with drawings TK/WMEE320/107 – 109.

1.2 This technical note builds on information within the previous technical note 002 Site Investigation (TK/WMEE320/60.2\_002).

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

2.1 Drawings 107-109 primarily identify the route and type of facility that 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. Clarification is required on WCC's preferred choice of bridleway, restricted byway or cycle track. This issue was discussed more fully in the previous technical note (002 Site Investigation).

### **5** *Interaction with other elements of WMSBC & Walk/Cycle Proposals*

5.1 The route shows minimal interaction and potential for conflict with other elements of the WMSBC. The proposals compliment the works proposed

for Henwick Road as part of section 106 proposed cycle route linking The University of Worcester. Works proposed at this location will be beneficial for both projects but will not have a negative effect on either route.

## **6**

### ***Recommendation***

#### **6.1**

We recommend that the proposed route shown in drawing 107-109 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.