

## 18 Gap analysis & scheme identification (tool kit)

### 18.1 Issues & solutions spreadsheet

Appendix D provides an Issues & Solutions spreadsheet that summarises the preceding Chapter's analysis of each mode and maps known problems against scheme proposals. These proposals range from well developed schemes in the process of being implemented to aspirational, scoped or feasible schemes.

Each scheme will have a number of associated constraints which define its feasibility or buildability. The extent of these constraints will generally depend on how far the scheme has been developed. For example, a scheme approaching feasibility design may have a business case which questions its value for money. The constraints for aspirational schemes are less developed but highlight obvious problems such as land acquisition, altered traffic movements or requiring significant investment.

In some cases a problem exists which has no proposed solution and in these cases the opportunities and constraint columns are left 'to be confirmed'.

Those most viable schemes are then evaluated against the proposed growth scenarios for the Borough and gaps identified were the impact of growth creates problems that cannot be accommodated by the existing or future enhanced network (i.e. a network where all the current problems are fixed). Where such gaps exist, outline solutions have been proposed.

Clearly there are immense variations between cost and feasibility but care has been taken to ensure all the individual schemes are as realistic as possible (in terms of design and build) and buildable within the lifespan of this Strategy.

The importance of each scheme has been considered in relation to its priority to enabling Croydon's growth, along with outline cost and build times. The multiple sheets have then been distilled down to a summary sheet that provides Croydon's Borough Strategy over the immediate (2010-2012), short (2012-2017), medium (2017-2022) and long (2022 – 2031) term.

It is recognised that it is not feasible to build all of the schemes and as such a balance between importance/ cost/ time has been used when establishing the strategic transport solutions.

### 18.2 Strategic plan

Notwithstanding the fact, as stated within Chapter 1 that this is a headline strategy document, the Issues & Solutions summary sheet provides the embryonic basis of a Strategic Transport Plan, containing far more detail than this headlining Strategic Document.

It has been necessary to undertake this level of analysis to ensure that the strategic recommendations are grounded in reality. It is from Appendix D along with other criteria already considered within the early chapters of this document coupled to our experience that the Strategic Recommendations have been drawn.

Although some potential solutions will have a much larger positive impact on the transport network than others, the time and cost to develop them such as addressing the issues at the A23 Fiveways Junction or further Tramlink extensions, will mean that these schemes are not the first to be implemented. The Plan will therefore provide a realistic rolling programme of schemes that balance importance and deliverability over the life cycle of this Strategic Document.

In some cases a level of development work, for example, in determining the priorities for developing Croydon's Town Centre's and Places will be required. This has been allowed for within the Timeline of the Summary Sheet.

These proposals are geographically presented by time in Appendix E.

### **18.3 Local implementation plan**

The initial schemes and development work identified within Appendix D should form the basis for Croydon's second Local Implementation Plan. For many of the proposed solutions, this will be a natural extension to the Council's first LIP.