



## **CIHT EPA - Project Brief Selection List**

### **1. Active Travel in an Existing Road System**

**Project Scenario:** Your client has commissioned you on a consultant basis to integrate cycle lanes and walking routes adjacent to a new housing / mixed use development site. For this project, you may choose a local site or a site with which you are familiar to create a brief for the changes required. If you cannot physically visit the site, this can be a desktop study.

### **2. Expanding Shared use of E-Bikes for a Sustainable Future**

**Project Scenario:** Your client has identified shared electric bikes (e-bikes) as a key opportunity to support much-needed modal shift towards sustainable travel. While e-bikes are already in place across parts of country, there remain significant gaps in coverage and accessibility to be explored. You should consider where and how to expand shared e-bike services in your selected geographical area.

### **3. Introducing a Sports and Entertainment Stadium in Barnet**

**Project Scenario:** Barnet Council is considering proposals for a new football stadium in the borough. The stadium is expected to host up to 7000 spectators and will include community facilities. As a Transport Planning Technician, you have been commissioned to find a suitable site for the stadium and assess the transport implications of the proposed development. You must demonstrate how the stadium can be integrated into the wider transport network.

### **4. Reducing Impact Across Major Transport Corridors**

**Project Scenario:** You are working for a local authority covering a polycentric conurbation. The conurbation contains a medium-sized city and several smaller towns, with a major city located 10 miles to the north. The city experiences significant air quality issues. The aim of this project is to develop a comprehensive package of measures to improve travel and reduce environmental impacts across major transport corridors.

### **5. Pedestrianisation in Royal Leamington Spa Creative Quarter**

**Project Scenario:** You have been commissioned by the Warwick District Council to investigate pedestrianisation on Bath Street and other improvements to pedestrian movements in the Creative Quarter of Leamington Spa. The Neighbourhood Plan of 2021 recognises the Creative Quarter around Bath Street south of the river and north of the canal as being in need of improvement.



## **6. Improvements to road traffic flow and control**

**Project Scenario:** Strood lies within Medway and is immediately north of Rochester, adjacent to the River Medway. The area suffers from low weekly wages, a high unemployment rate and low average house prices. You are required to develop a package of transportation improvements that will promote and encourage economic growth.

## **7. Integrating public transport with the wider transport network**

**Project Scenario:** Brighton & Hove is a city on the south coast of the UK. It is a popular and busy seaside destination, attracting commuters and visitors from far afield. It has a de-regulated bus network comprising of both commercial and subsidised services. Passenger levels are falling as many services suffer from congestion, which leads to poor punctuality. You are required to develop a plan for reviewing the City's bus network to look at ways in which increasing pressures on bus journey times and punctuality could be addressed.

## **8. Transport Assessment for Large-scale Development for Employment Uses**

**Project Scenario:** Your client is considering a proposed development and wishes to submit an outline planning application with some matters to be determined such as layout and access. Currently it is envisaged that there will be a large distribution warehouse (B8) on one plot (32,000 sq. m gfa) and two further plots to accommodate a mix of B2 and B8 uses. Your client has engaged you as Transport Consultant to complete a scoping report in respect of the Transport Assessment.

## **9. Proposed Pedestrian Crossing Signals adjacent to Network Rail Bridge**

**Project Scenario:** Your client has commissioned you on a consultant basis to consider the installation of a new signalised pedestrian crossing immediately adjacent to a highway overbridge that is owned by Network Rail. There is a school nearby, just along from the bridge, with no formal road crossing and some accidents involving school children have been reported. You are tasked with finding and presenting a solution that will improve safety, accessibility and efficiency of the crossing point, resulting in a practical, safe, and formally approved signalised crossing.

## **10. Woburn Sands Train Station relocation**

**Project Scenario:** You have been appointed as a co-transport planning consultant by East West Rail Company to develop a preliminary layout for the new Woburn Sands Train Station. The existing station is on a constrained site and provides minimal facilities. Your client proposes to replace the existing station and has already selected a site, 400m west of the existing station. The new station will be within the area of the Southeast Milton Keynes Strategic Urban Extension, which will provide approximately



3,000 new homes. A council planning policy document includes proposals for a new road-over-rail bridge at the new station site.