



TRANSPORT PLANNING TECHNICIAN

END POINT ASSESSMENT PROJECT BRIEF C

PROJECT TITLE

Measures to Improve Travel and its Impacts upon a series of inter-related Major Transport Corridors within a Polycentric Conurbation

PROJECT SCENARIO

This end point assessment project involves looking at a series of major corridors linking a city centre and a number of smaller towns to its east; and scoping a range of potential solutions to reduce congestion, improve journey times, achieve modal shift and improve air quality.

PROJECT BRIEF

You are working for a local authority covering a polycentric conurbation. The conurbation contains a medium sized city and a number of smaller towns. Indicative population sizes of settlements in the study area are given in the enclosed table. Areas of dense conurbation are located to the immediate north, west and south; with a major regional city located approximately 10 miles to the north.

The schematic diagram and schedule provided illustrate the key geographical features on the main transport corridors and project area to the east of the project area city. The topography of the project area is generally level. The city experiences significant air quality issues and is designated as a large Air Quality Management Area. Smaller Air Quality Management Areas are present in Towns 1-6 around major junctions.

Complex dynamic travel to work patterns exist throughout the conurbation. Main public transport frequencies are listed in the attached table.

Main Tasks:

1. Scope a full range of measures which could be considered to help to deliver improvements on the Study Area Major Corridors against those objectives (those measures may be on or off the actual road corridors).
 - a. The package of measures should include sustainable measures
 - b. The package of measures should encompass both hard measures and soft measures.
2. Review and appraise the benefits and disbenefits associated with the range of measures which you have identified.
3. From the range of measures scoped; taking into account your benefits and disbenefits appraisal; propose a package of measures which could be further developed for the main transport corridors to the east of the project area city.
 - a. Describe the range of measures proposed together with their key features, benefits and attributes.
 - b. Based on your own experiences and research, describe in your own words examples of good practice and demonstrate the benefits of the types of measures proposed in your package.
 - c. Justify your choice of contents and their relevance for your proposed package of measures.



- d. Justify why you have not chosen to include some of the measures you initially scoped in your proposed package of measures and what might be required to make the rejected measures viable for inclusion in the package.
4. Look at the published transport policies and strategies for at least two local authorities, and illustrate how your proposed package of measures would align to those policies and strategies.
5. Summarise some key conclusions from the transportation project you have undertaken and the transport planning processes you have employed.

PROJECT OUTPUTS AND DELIVERABLES

- Project brief outline - introduction
- Full project report - including plans and diagrams (10-15 pages)
- Project presentation slides and materials
- Supporting Documentation – Appendices and list of Key Reference Sources

RELEVANT SKILLS

- Awareness of policy, legal and regulatory context
- Planning and scheduling of workload
- Communication and liaison skills
- Assessment of transport and traffic policies, plans and projects
- Contribution to sustainable development
- Innovative & critical thinking
- Technical report writing

RESOURCES

- Schematic diagram of project area giving spatial information
- Additional information
 - Indicative populations
 - Public transport frequencies