

19.0 Monitoring and Evaluation

- 19.1 An important aspect of any scheme appraisal is monitoring and assessing the outcomes of the scheme and its impacts. This should also involve the production of a comprehensive before and after evaluation report.
- 19.2 It is proposed to undertake traffic surveys before scheme implementation at selected sites across the study network, particularly where a sizeable traffic change is anticipated. These manual and automatic traffic counts, including the installation of a long term permanent traffic counter, will add to the surveys used in this assessment and allow the baseline conditions to be established immediately prior to construction.
- 19.3 Once the road has been open to traffic for one year and new travel patterns have become firmly established it will be necessary to repeat the traffic surveys. This will enable a comparison to be made and an assessment of whether the scheme has met its objectives in terms of traffic redistribution.
- 19.4 Journey time and junction delay surveys which have been undertaken along the Hucknall town centre corridor will likewise be repeated post scheme implementation, to enable both the accuracy of the predictions to be checked and to establish whether the economic benefits accruing to the scheme in the opening year have been achieved.
- 19.5 Comprehensive monitoring of accidents will be undertaken following implementation of the scheme and will be based on before and after data in Hucknall town centre. This will determine the effect that the scheme has had upon the accident statistics and whether any further remedial work will be necessary. In addition to this, before/after data will also be collected and analysed to assess the effect of the scheme on pedestrian footfall and bus patronage in the area and to determine the level of success.
- 19.6 Consideration will need to be given and agreed with the Department as to suitable monitoring of other scheme impacts namely the regenerative effects on the town and environmental impacts (particularly noise, pollutants etc). Full surveys of land use along High Street will be undertaken such that any changes can be identified as the longer term impact of the scheme is measured. This will ensure that the scheme's impacts can be assessed against its stated objectives.
- 19.7 All traffic and transport data collection will comply with the requirements of the Design Manual Roads and Bridges Volumes 12 and 13. An evaluation report will be prepared to the Department's Post Opening Project Evaluation (POPE) specification.

