

West of England Road Safety Partnership

Data and Engineering Group

Agreed Common Definitions - October 2008

Agreed Common Definition for Accident Concentration Sites

5 or more reported personal injury accidents recorded in a 40m diameter circle in the last 3 year period, 2 or more of which were recorded in the most recent year.

If this doesn't yield enough sites, then the analysis area can be widened to 50m or the most recent year criterion may be ignored.

Sites with the same number of accidents should be listed in order of number of KSIs.

If there are too many sites, then sites should be tackled in order of those for which the highest FYERR (First Year Economic Rate of Return), as judged by the relevant Road Safety Engineer, is likely to be achieved.

Agreed Common Definition for High Risk Routes

Routes in each authority to be ranked in order of the number of KSI Accidents per km.

Resources will be focussed on higher ranked routes.

In future, if data, staff and time are available this could be modified to an accident rate per 100 million vehicle kms.

Agreed Common Definition for Local Safety Schemes

Schemes that have a predicted First Year Economic Rate of Return (FYERR) of at least 100%.

Accident costs as in the most recently published HEN 1 Note for urban or rural areas, as considered appropriate for each authority.