

**APPENDIX D**  
Traffic volume to highway capacity 2031

47. The potential impact of housing and jobs growth on the county's transport networks, taking into account committed transport infrastructure, has been forecast using a strategic transport model. The model shows many junctions over capacity in 2031, and severe delays on many routes, especially the A34, A40, A338 and A4074. These forecasts do not take into account the full level of housing need in the SHMA; when that is added to the model the situation will be worse. However, because the future growth has only been quantified at a countywide level and we have no detailed knowledge of where the development will be located, we have had to develop this model using various policy-level assumptions.



Figure 15: Highway Network in the morning peak in 2031 with no intervention – volume of traffic in relation to road capacity (85% to 95% = at capacity, 95% plus = over capacity)