6.5.2 ☑ Provide drawings/ figures of traffic flows/ turning movements in surrounding network for all scenarios and all agreed peak periods. This should be in line with outcome of Methodology Report. Any differences must be discussed and agreed by the Reviewer.

6.5.3 ☑ Provide results of the link capacity analysis on links within the study area for all scenarios and all agreed peak periods.

6.5.4 Link capacity analysis needs to be undertaken for all links within the study area! Typical link capacities and LOS definitions are included in Table 9-7 on page 50 and Table 9-4 on page 48.

6.5.5 The link capacity results may be presented in tabular format if only a small number of links needs to be analyzed. However, a drawing needs to be included showing all links that have been assessed. The table needs to include link reference, volume/ capacity ratio (v/c ratio) and corresponding Level of Service (LOS).

6.5.6 For larger networks a graphical presentation (drawing, Emme/3 print) of the link capacities is more appropriate and is recommended. The drawings need to show volume/ capacity ratio (v/c ratio) and corresponding Level of Service (LOS).

6.5.7 For all links showing a v/c ratio > 0.7 further analysis will be required. This usually entails analysis of the affected intersections or interchanges or any other qualitative assessment necessary (e.g. conflicts with parked vehicles/ queues from side streets/ driveways etc.; to be agreed with Reviewer).

6.5.8 ☑ Provide modeling results for intersection analysis, weaving/ merging/ diverging for all scenarios and peak periods as above (table detailing LOS, v/c ratio, and delay) based on existing layout. The analysis needs to be undertaken for all intersections/ links identified by the link capacity analysis and any other intersection that has to be amended or has a non-standard configuration. Compare scenarios with and without (baseline) proposed development.

6.5.9 Future scenarios shall be based on future designs (not proposed mitigation) if known. But each comparison (with and without) need to be based on the same layout.

6.5.10 ☑ Provide a drawing clearly indicating the location of each intersection and merging/ diverging/ weaving segment.

6.5.11 Modeling outputs shall be provided in the appendix. Depending on the number of intersections analyzed, a softcopy of the outputs may suffice to avoid unnecessary prints (to be agreed with Reviewer). All modeling files must be provided as softcopy to the Reviewer!

6.5.12 ☑ Discuss the results. All movements that reach LOS E or F or exceed or equal v/c ≥ 0.9 following implementation of the development will need to be discussed. Link capacities that exceed or equal v/c ≥ 0.9 need to be discussed comparing to the capacity of relevant intersections and weaving or merging results. Explain the reasons for the failure.