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

7.3.3   The intersection analysis results should be presented in the following format:

Intersection	Intersection			Worst Movement		
No.	Delay	LOS	v/c ratio	Delay	LOS	v/c ratio

7.3.4   ☑ Provide a drawing clearly showing intersection locations and numbers.

7.3.5   The merging/ diverging analysis results should be presented in the following format:

Location	Freeway			Ramp			Density	LOS
	No. Lanes	Speed	Volume	No. Lanes	Speed	Volume		

7.3.6   The weaving analysis results should be presented in the following format:

Location	Weave Type	No. of Weaving Lanes	Weaving Length	Freeway Speed	Density	LOS

7.3.7   ☑ Discuss the results. All movements that reach LOS E or F or exceed v/c > 0.9 following implementation of the development will need to be discussed.

7.3.8   ☑ For each critical junction (as per the above criteria) figures need to be included showing: conceptual intersection layout, lane configuration, phasing plan and movement volumes. Indicate the failing movement in the relevant figures.

7.3.9   Intersection analysis should be based on existing cycle time and phasing, optimization of the split only. Any change in cycle time or phasing in a future scenario must be explained and is considered a mitigation measure, which will need to be agreed with the Reviewer and included in the list of mitigations, although the cost is considered minimal.

7.3.10   Analysis software requirements are set out in 9.6 on page 54.

7.4   Mitigation of Impacts

7.4.1   The infrastructure in a new masterplan development is usually the responsibility of a developer before it is handed over to public authorities. In some cases it may not have been built at the time of the application. Changes may therefore be easier to implement, as they may only induce amendments to planned designs. After infrastructure has been handed to the public authorities the same procedures apply the mitigation and cost share as for Standard TIS mitigations.

7.4.2   ☑ Based on the above results identify the need for mitigations, include a table detailing the mitigation assessment using the given thresholds. The thresholds for the need to mitigate are shown in 9.5 on page 50.