

5.4.10 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, which will need to be agreed with the Reviewer.

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

5.5 Mitigation of Impacts

5.5.1 ☒ 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 52.

5.5.2 For traffic signal requirements and practice in Abu Dhabi refer to 9.1 on page 45.

5.5.3 ☒ Develop and explain proposed mitigations in a concise format in the report. Include conceptual designs and for intersections also include phasing plan and cycle time if signalized.

5.5.4 ☒ Compare modeling results (with, without and mitigated) for each measure, showing the Level of Service for all approaches, highlight critical movements (LOS E/ F, volume/ capacity ratio ≥ 0.9).

5.5.5 Estimate the costs of each mitigation measure. These estimates are preliminary only and should be done based on standard rates and specifications. Please check whether a list of standard costs has been issued by the ADM or DoT.

5.5.6 Calculate the developer cost share. The principles of cost share calculation are under constant review, please check with the Reviewer which methodology shall be applied.

5.5.7 ☒ Summarize the cost estimates and calculated cost share in a table in the following format:

No.	Mitigation Measure	Estimated Cost (Dirham)	Developer Cost Share (%)	Implementation required by (Year)
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Mitigation Measures

All mitigation measures proposed must be feasible and reasonable.

All measures must be in line with the Abu Dhabi 2030 plan and the Surface Transport Masterplan (STMP) and follow the principles of the Urban Street Design Manual.

Simply increasing capacity may not always be possible or sensible, hence alternative measures should be explored, altering land uses, structure of the development or utilizing other transport modes.

