

TIA REPORT

Report Contents

The final T.I.A. Report shall contain at least the items listed below. The Traffic Engineering Consultant shall have the liberty to modify or include further items where deemed necessary.

No.	Item	Description
1.	Report Cover	<ul style="list-style-type: none">• Project title• Client name• Consultant name• PEPC stamp and signature• Date of submission
2.	Executive Summary	<ul style="list-style-type: none">• Brief description of proposed development• Summary of traffic impact analysis• Brief description of proposed mitigation measures and the extent they can mitigate the impact.
3.	Introduction	<ul style="list-style-type: none">• Description of proposed development• Traffic impact study methodology
4.	Defining the study area/boundary	<ul style="list-style-type: none">• Scope of study• Records of discussion and agreement with Developer and Approving Authority• Description of road network within the agreed area of study• Map of road network in area of study
5.	Determining existing traffic	<ul style="list-style-type: none">• Description of traffic generators in and around the study area• Identification of other developments with planning approval but not yet implemented• Identification of committed transportation projects in the study area.• Identification of designated links and intersections• Examination of historical data (including traffic accident)• Volume survey of current traffic flows in designated links and intersections within the study area• Survey of pedestrian flows at critical locations.
6.	Land use study	<ul style="list-style-type: none">• Description of current planning policies of the Approving Authority for the site of the proposed development including parking standards

		<ul style="list-style-type: none"> • Description of current usage of the site proposed development • Description of land use of the proposed development, including site area and development phasing • Breakdown of types and units of building in the proposed development • Site and layout plans
7.	Trip Generation	<ul style="list-style-type: none"> • Computation of trip generation (non-site traffic and site traffic) • Estimation of trip generation for peak hours (with weekday and development peak if necessary) • Justification of the values used • Computation of peak traffic volume, i.e. combination of Site and Non-Site traffic • Specification of trip attraction by phase (if appropriate) • Justification for methodology adopted for trip distribution and assignment • Estimation of traffic growth rate over time for both Site and Non-Site traffic
8.	Impact Analysis	<ul style="list-style-type: none"> • Description of capacity analysis technique • Details of traffic impact analysis result • List of locations where mitigation of traffic impact needs to be addressed
9.	Mitigation Measures	<ul style="list-style-type: none"> • Description of proposed mitigation measures • Preliminary plans of mitigation measures • Details of computations and analysis showing that the mitigation criteria as given in Section 11 of this Guideline have been met
10.	Conclusion	