3 Circulation Plan for Small Developments

For small developments, typically generating up to 99 trips during the peak hour, a Circulation Plan is sufficient for review and approval by DoT. The Circulation Plan should follow the DoT template as presented in the examples in Appendix B. All required information that needs to be included in the Circulation Plan is listed in the checklist and explained below. The drawings need to be named in the following fashion: "TIS Tracking Number/ Abu Dhabi Plot Number/Circulation Plan/Drawing x of y".

Any variation from the below list needs to be agreed with the Reviewer and documented in minutes of meeting.

3.1 Project Description

3.1.1 ☑ Include the proposed land use for the development as a table, typically in the key section of the drawing. The table should follow the below format:

Land Use	Land Use Class	Unit	Quantity

3.1.2 ☑ Include the trip generation as per the agreed manual for the development as per the below format. Typically this would include AM peak, PM peak and Evening peak, however if a Generator peak for the entire development shows higher trip generation than any of the above peak periods, this will need to be included in the table, also showing the exact time period of the Generator peak.

AM Peak (7am – 8am)			PM Peak (2pm – 3pm)			Evening Peak (7pm – 8pm)		
In	Out	Total	In	Out	Total	In	Out	Total

3.1.3 ☑ Include a figure clearly showing the location and size of the proposed development (ideally based on an aerial photograph).

3.2 Site Access & Exit Provision

3.2.1 ☑ Indicate clearly on the drawing the locations and proposed design of all site access and exit roads provided. Ideally this is done using colored arrows on the drawing also showing the direction of proposed access.

3.2.2 ☑ Potential conflict points with pedestrian/ cyclists movements need to be highlighted. Any conflict areas should be carefully assessed by the Consultant, regarding on how safety for pedestrians/ cyclists will be ensured (reduction of vehicle speeds, visibility etc.). The Reviewer may request amendments to the design or location of the access/ exit to improve safety.

3.2.3 ☑ Show the access route to the nearest public transport facilities (bus stops, metro stations etc.). Estimate the average walking time; consider that road crossings will naturally impact on the travel time. Typical walking speed would be 1 m/sec for pedestrians. Show walking distance and walking time on the drawing.