

## 9.8 Standard Parameters

9.8.1 Typical parameters to be used in the analysis are listed in Table 9-10 below. Any variations of these parameters need to be discussed and agreed with the Reviewer.

**Table 9-10 Standard Parameters**

Parameter	Value
Peak Hour Factor PHF	0.95
Lane Utilization	0.95
Minimum Yellow Time	3 seconds
Minimum All Red Time	2 seconds
Ideal Intersection Capacity per Through Lane	1900 vehicles per hour
Ideal Intersection Capacity per Left/Right Lane	1500 vehicles per hour
Ideal Freeway Lane Capacity	2000 vehicles per hour
Proportion of Truck/ HGV Traffic	2% AM, PM Peak on Abu Dhabi island (during truck ban) 5% Evening Peak on Abu Dhabi Island, All Peaks off-island 10% All Peaks industrial areas These are typical values, depending on location surveys may be requested by the Reviewer if appropriate
Internal Capture	Depending on calculation based on ITE procedure, typically this would not exceed 20% in Abu Dhabi. For Transportation Masterplans up to 30% are considered possible.
Pass-by Trip Adjustment	Pass-by trip reductions generally can only be applied to trip attractors (retail, restaurants etc.) that are being build on already existing infrastructure. In Abu Dhabi the following rates are considered <u>maximum</u> rates achievable (based on ITE): Supermarket 30% General Retail 20% Shopping Mall 35% Petrol Station 50% Bank 50%