

**Appendix G:
Traffic**

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Palmdale Copart Trip Generation Estimate - Truck Based

Project description: Overflow lot, minimal staff (25 empl), no CSR duties

Size: 81 acres, 11,000 vehs

Vehicles delivered on 10-car carriers, picked up by 10-car carriers - 5 days/week

Vehicle turnover: average 90 days - 3 months, 5 days/week = 60 days of deliveries/pick-up

Trip Generation		AM Peak Hour			PM Peak Hour			ADT
		In	Out	Total	In	Out	Total	
Employees	25 Empl	22	4	26	10	20	30	200
Deliveries	18 Trucks	2	2	4	2	2	4	36
	<i>PCE = 2.0</i>	<i>4</i>	<i>4</i>	<i>8</i>	<i>4</i>	<i>4</i>	<i>8</i>	<i>72</i>
Pick-up	18 Trucks	2	2	4	2	2	4	36
	<i>PCE = 2.0</i>	<i>4</i>	<i>4</i>	<i>8</i>	<i>4</i>	<i>4</i>	<i>8</i>	<i>72</i>
Total PCE Trips		30	12	42	18	28	46	344

Assumptions

1. Employee trips based on ITE Small Office (Category 712) trip rates - AM: 1.03/empl, PM: 1.20/empl, ADT: 7.98/empl

2. Delivery:

11,000 vehs/60 days = 183 vehs/day
 183 vehs/10-car trucks = 18 trucks/day
 18 trucks/day x 2 = 36 truck trips/day
 36 truck trips/day x 2.0 PCE = 72 PCE trips/day
 Peak hour deliveries = 10% of ADT

3. Pick-up:

11,000 vehs/60 days = 183 vehs/day
 183 vehs/10-car trucks = 18 trucks/day
 18 trucks/day x 2 = 36 truck trips/day
 36 truck trips/day x 2.0 PCE = 72 PCE trips/day
 Peak hour deliveries = 10% of ADT

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