

Table A: Project Trip Generation (Level of Service Analysis)

Land Use Units			Peak Hour						Daily
			AM Peak Hour			PM Peak Hour			
			In	Out	Total	In	Out	Total	
Total Vehicle Rates									
Trip Generation Rates ¹	Per TSF	0.237	0.063	0.300	0.080	0.240	0.320	3.560	
PCE Inbound/Outbound Splits		79%	21%	100%	25%	75%	100%	50%/50%	
Passenger Car Equivalent Rates Calculations									
Passenger Cars									
Recommended Mix (%) ²		60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	
PCE Factor ³		1.0	1.0	1.0	1.0	1.0	1.0	1.0	
PCE Rates		0.142	0.038	0.180	0.048	0.144	0.192	2.136	
2-Axle Trucks									
Recommended Mix (%) ²		0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	
PCE Factor ³		1.5	1.5	1.5	1.5	1.5	1.5	1.5	
PCE Rates		0.003	0.001	0.004	0.001	0.003	0.004	0.043	
3-Axle Trucks									
Recommended Mix (%) ²		11.20%	11.20%	11.20%	11.20%	11.20%	11.20%	11.20%	
PCE Factor ³		2.0	2.0	2.0	2.0	2.0	2.0	2.0	
PCE Rates		0.053	0.014	0.067	0.018	0.054	0.072	0.797	
4-Axle Trucks									
Recommended Mix (%) ²		28.00%	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%	
PCE Factor ³		3.0	3.0	3.0	3.0	3.0	3.0	3.0	
PCE Rates		0.199	0.053	0.252	0.067	0.202	0.269	2.990	
Warehouse Net PCE Rate		0.397	0.106	0.503	0.134	0.402	0.536	5.967	
Total Project Trip Generation (Trips, By Vehicle Type)									
Warehouse	45.659 TSF								
Passenger Cars		6	2	8	2	7	9	98	
2-Axle Trucks		0	0	0	0	0	0	1	
3-Axle Trucks		2	0	2	1	1	2	18	
4+ Axle Trucks		3	1	4	1	3	4	46	
Total Vehicles		11	3	14	4	11	15	163	
Total Project Trip Generation (Passenger Car Equivalent Trips, By Vehicle Type)									
Passenger Cars		6	2	8	2	7	9	98	
Truck PCE									
2-Axle Trucks		0	0	0	0	0	0	2	
3-Axle Trucks		4	0	4	2	2	4	36	
4+ Axle Trucks		9	3	12	3	9	12	138	
Total Truck PCE		13	3	16	5	11	16	176	
Total PCE		19	5	24	7	18	25	274	

Notes: Per TSF = Per Thousand Square Feet

¹ Rates based on Land Use 150 - "Warehousing" from Institute of Transportation Engineers (ITE) Trip Generation (9th Ed.).

² Recommended Truck Mix Percentages per City of Rialto Traffic Impact Analysis Report Guidelines and Requirements (February, 2014)

³ Recommended PCE Factor per City of Rialto Traffic Impact Analysis Report Guidelines and Requirements (February, 2014)