

Summary of Zero-Parking Buildings Trip Generation Study

Transportation conducted a 12-hour special trip generation study focused on zero-parking buildings in the Centre City in August & September 2017 to determine how people use the transportation modes to complete their trips in/out of the building. Three zero-buildings were included in this study: N3, Clover Living and Anderson Estates. 92% automobile users parked the vehicles within 100m buffer distance, 8% parked within 500m buffer distance.

1. Mode split

Mode Split	INTO	OUT	Total	%
Automobile Users - Drop off/Pick up	33	39	72	11%
Automobile Users - On street parking	69	70	139	21%
Automobile Users - Off street parking	25	24	49	7%
Pedestrian	163	180	341	50%
Transit Users	24	29	53	8%
Cycling	12	8	20	3%
Total	326	350	676	

2. Mode split between trip purpose

Mode Split	Resident	Visitor	Worker/Staff	Delivery service	Other/Retail	Total	%
Automobile Users- Pick up/Drop off	40	24	5	1	2	72	11%
Automobile Users- On Street Parking	64	47	12	10	6	139	21%
Automobile Users- Off Street Parking	12	21	14	0	2	49	7%
Pedestrian	239	61	23	3	17	341	50%
Cycling	14	4	0	0	2	20	3%
Transit Users	38	6	9	0	0	53	8%
Total	407	163	63	14	29	676	100%
%	60%	24%	9%	2%	5%	100%	

Summary of Zero-Parking Buildings Trip Generation Study

Detailed summary by trips into/out of the building

Trip Purpose INTO the building	Resident	Visitor	Worker/Staff	Delivery service	Other/Retail	Total	%
Automobile Users- Pick up/Drop off	16	12	2	1	2	33	10%
Automobile Users- On Street Parking	23	28	7	6	5	69	21%
Automobile Users- Off Street Parking	7	9	7	0	2	25	8%
Pedestrian	114	20	12	2	15	161	50%
Cycling	8	2	0	0	2	12	4%
Transit Users	18	0	6	0	0	24	7%
Total	186	71	34	9	26	326	100%
%	57%	22%	10%	3%	8%	100%	

Trip Purpose OUT of the building	As a resident			Visitor	Worker or Staff	Delivery service	Other or Retail	Total	%
	Other	To shop	To work						
Automobile Users - Pick up	15	4	5	12	3	0	0	39	11%
Automobile Users - On street parking	24	5	12	19	5	4	1	70	20%
Automobile Users - Off street parking	2	0	3	12	7	0	0	24	7%
Pedestrian	109	6	10	41	11	1	2	180	51%
Cycling	2	2	2	2	0	0	0	8	2%
Transit Users	9	1	10	6	3	0	0	29	8%
Total	161	18	42	92	29	5	3	350	100%
%	46%	5%	12%	26%	8%	2%	1%	100%	