

MOVEMENT SUMMARY

Site: PM peak existing 4.00 pm to 5.00 pm

Masonite Road / Camfield Drive roundabout
Existing PM peak 4 pm to 5 pm
Roundabout

Movement Performance - Vehicles											
Mov ID	Turn	Demand Flow veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Vehicles veh	Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
South Masonite Road S											
1	L	9	7.5	0.158	8.9	LOS A	0.9	6.8	0.26	0.60	57.1
2	T	189	7.5	0.158	8.0	LOS A	0.9	6.8	0.26	0.54	55.3
3	R	1	7.5	0.167	13.6	LOS A	0.9	6.8	0.26	0.83	50.6
Approach		199	7.5	0.158	8.1	LOS A	0.9	6.8	0.26	0.54	55.4
East Camfield Drive E											
4	L	3	7.5	0.023	9.1	LOS A	0.1	0.9	0.30	0.55	53.8
5	T	3	7.5	0.023	8.2	LOS A	0.1	0.9	0.30	0.50	57.1
6	R	21	7.5	0.023	14.1	LOS A	0.1	0.9	0.30	0.69	49.6
Approach		27	7.5	0.023	12.9	LOS A	0.1	0.9	0.30	0.65	50.9
North Masonite Road N											
7	L	11	7.5	0.125	8.5	LOS A	0.8	5.6	0.07	0.57	42.9
8	T	82	7.5	0.124	7.5	LOS A	0.8	5.6	0.07	0.49	44.9
9	R	98	7.5	0.125	13.4	LOS A	0.8	5.6	0.07	0.78	43.3
Approach		191	7.5	0.124	10.6	LOS A	0.8	5.6	0.07	0.64	43.8
West Camfield Drive W											
10	L	82	7.5	0.082	9.3	LOS A	0.5	3.5	0.34	0.59	48.6
11	T	1	7.5	0.083	8.1	LOS A	0.5	3.5	0.34	0.53	49.3
12	R	11	7.5	0.082	14.2	LOS A	0.5	3.5	0.34	0.74	44.5
Approach		94	7.5	0.082	9.9	LOS A	0.5	3.5	0.34	0.61	48.1
All Vehicles		511	7.5	0.167	9.6	LOS A	0.9	6.8	0.21	0.60	50.4

Level of Service (Aver. Int. Delay): LOS A. Based on average delay for all vehicle movements. LOS Method: Delay (RTA NSW).

Level of Service (Worst Movement): LOS A. LOS Method for individual vehicle movements: Delay (RTA NSW).

Approach LOS values are based on the worst delay for any vehicle movement.

Roundabout Capacity Model: SIDRA Standard.