

Alison Road and Darley Road

Signals - Fixed Time Cycle Time = 130 seconds (User-Given Cycle Time)

Movement Performance - Vehicles											
Mov ID	Turn	Demand Flow veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East: Alison Road East											
4	L	5	2.0	0.460	31.2	LOS C	17.8	126.9	0.70	0.94	33.8
5	T	1301	2.0	0.460	22.9	LOS B	17.8	127.0	0.70	0.62	35.3
6	R	72	2.0	0.467	36.2	LOS C	2.4	17.0	0.94	0.78	30.2
Approach		1378	2.0	0.467	23.7	LOS B	17.8	127.0	0.72	0.63	35.0
North: Darley Road											
7	L	196	2.0	0.836	58.2	LOS E	11.3	80.7	0.81	0.90	23.1
8	T	12	2.0	0.695	41.3	LOS C	22.7	161.9	0.93	0.82	25.8
9	R	976	2.0	0.695	47.4	LOS D	22.7	161.9	0.89	0.84	26.1
Approach		1183	2.0	0.836	49.1	LOS D	22.7	161.9	0.88	0.85	25.6
West: Alison West											
10	L	881	2.0	0.559	10.2	LOS A	14.5	103.5	0.29	0.70	47.1
11	T	1597	2.0	0.843	32.8	LOS C	45.1	321.3	0.94	0.88	30.1
12	R	29	100.0	0.589	85.9	LOS F	2.1	26.9	1.00	0.78	19.4
Approach		2507	3.2	0.843	25.5	LOS B	45.1	321.3	0.71	0.82	34.2
All Vehicles		5068	2.6	0.843	30.5	LOS C	45.1	321.3	0.75	0.77	31.9

Level of Service (LOS) Method: Delay (RTA NSW).

Vehicle movement LOS values are based on average delay per movement

Intersection and Approach LOS values are based on average delay for all vehicle movements.

SIDRA Standard Delay Model used.

Movement Performance - Pedestrians								
Mov ID	Description	Demand Flow ped/h	Average Delay sec	Level of Service	Average Back of Queue Pedestrian ped	Queue Distance m	Prop. Queued	Effective Stop Rate per ped
P3	Across E approach	526	43.2	LOS E	1.6	1.6	0.82	0.82
P5	Across N approach	526	25.9	LOS C	1.2	1.2	0.63	0.63
All Pedestrians		1052	34.5	LOS D			0.72	0.72

Level of Service (LOS) Method: SIDRA Pedestrian LOS Method (Based on Average Delay)

Pedestrian movement LOS values are based on average delay per pedestrian movement.

Intersection LOS value for Pedestrians is based on average delay for all pedestrian movements.