

Table 1: Traffic Generation Net Change

Peak Period	Inbound Movements		Outbound Movements	
	Light Vehicles	Heavy Vehicles	Light Vehicles	Heavy Vehicles
Weekday AM Peak	13 (+3)	20 (+12)	4 (+3)	18 (+12)
Weekday PM Peak	2 (+3)	8 (+12)	35 (+3)	21 (+12)
Saturday Midday Peak	2 (+3)	3 (+12)	27 (+3)	6 (+12)

Table 2: Intersection Performance – Weekday AM Peak

Intersections	Intersection Type	Existing Conditions		Development Opening Year (2020)		Future Base (2030)		Future Base + Development (2030)	
		Average Delay	LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	LOS
Sunnyholt Rd – Vardys Rd	Signalised	>100 s	F	>100 s	F	>100 s	F	>100 s	F
Sunnyholt Rd – Tattersall Rd	Signalised	14 s	A	14 s	A	13 s	A	14 s	A
Vardys Rd – Tattersall Rd	Priority (Give Way)	12 s	A	12 s	A	14 s	A	14 s	A
Tattersall Rd – Eastern Site Access Driveway	Priority (Give Way)	11 s	A	11 s	A	11 s	A	11 s	A
Tattersall Rd – Central Site Access Driveway	Priority (Give Way)	6 s	A	6 s	A	6 s	A	6 s	A
Tattersall Rd – Western Site Access Driveway	Priority (Give Way)	6 s	A	7 s	A	6 s	A	7 s	A

Table 3: Intersection Performance – Weekday PM Peak

Intersections	Intersection Type	Existing Conditions		Development Opening Year (2020)		Future Base (2030)		Future Base + Development (2030)	
		Average Delay	LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	LOS
Sunnyholt Rd – Vardys Rd	Signalised	61 s	E	62 s	E	65 s	E	66 s	E
Sunnyholt Rd – Tattersall Rd	Signalised	43 s	D	49 s	D	51 s	D	58 s	E
Vardys Rd – Tattersall Rd	Priority (Give Way)	16 s	A	17 s	B	20 s	B	20 s	B
Tattersall Rd – Eastern Site Access Driveway	Priority (Give Way)	13 s	A	14 s	B	13 s	A	14 s	B
Tattersall Rd – Central Site Access Driveway	Priority (Give Way)	6 s	A	8 s	A	6 s	A	8 s	A
Tattersall Rd – Western Site Access Driveway	Priority (Give Way)	9 s	A	10 s	A	9 s	A	10 s	A

Table 4: Intersection Performance – Saturday Midday Peak

Intersections	Intersection Type	Existing Conditions		Development Opening Year (2020)		Future Base (2030)		Future Base + Development (2030)	
		Average Delay	LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	LOS
Sunnyholt Rd – Vardys Rd	Signalised	88 s	F	91 s	F	94 s	F	97 s	F
Sunnyholt Rd – Tattersall Rd	Signalised	77 s	F	78 s	F	>100 s	F	>100 s	F
Vardys Rd – Tattersall Rd	Priority (Give Way)	9 s	A	9 s	A	9 s	A	10 s	A
Tattersall Rd – Eastern Site Access Driveway	Priority (Give Way)	8 s	A	9 s	A	8 s	A	9 s	A
Tattersall Rd – Central Site Access Driveway	Priority (Give Way)	6 s	A	6 s	A	6 s	A	6 s	A
Tattersall Rd – Western Site Access Driveway	Priority (Give Way)	7 s	A	8 s	A	7 s	A	8 s	A

Figure 1: Sunnyholt Road Average Annual Daily Traffic

