

- 1.0** This Access Note has been prepared by David Tucker Associates to support a prior notification for a change of use of agricultural buildings to five dwelling houses, together with associated curtilage and building operations reasonably necessary to convert the building.
- 2.0** The development proposals include the change of use of existing agricultural buildings to five dwellings. There is an existing vehicular access off Warwick Road (A4141) that serves the application site.
- 3.0** In order to establish existing visibility requirements for the access, a speed survey was undertaken in January 2020. The results are attached at **Appendix A**. The results show an approach speed in the critical direction (southbound) of 47.8mph. Based on DMRB design parameters that equates to a requirement for a splay of 126m. The resulting splays, including the splay to the tangent line, are shown on the Plan attached at **Appendix B**.
- 4.0** The following photograph confirms that visibility to the tangent is available.



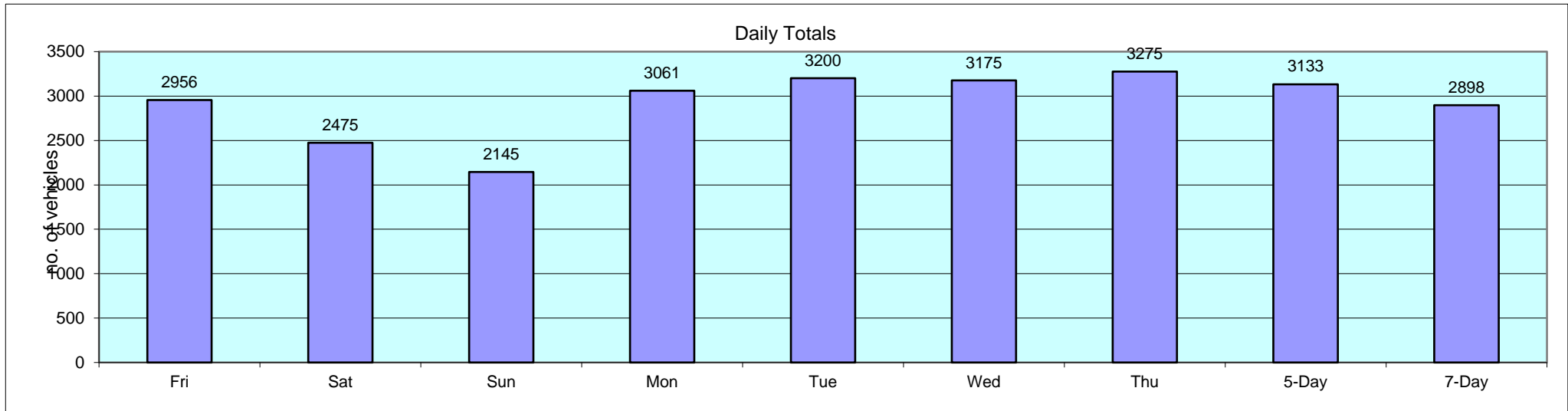
Appendix A

24913 CHADWICK END									
JANUARY 2020									
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed
Site No: 24913001	A4141 Chadwick End (Tractor Sign) SP 20162 73913	Channel: Northbound	Fri 17-Jan-20	Thu 23-Jan-20	50	20287	3133	2898	48.3
		Channel: Southbound	Fri 17-Jan-20	Thu 23-Jan-20		21773	3397	3110	47.8

24913		CHADWICK END				
		JANUARY 2020			Posted Speed Limit (PSL)	Average Mean Speed
Site	Location	Direction	Start Date	End Date		
Site No: 24913001	A4141 Chadwick End (Tractor Sign) SP 20162 73913	Channel: Northbound	Fri 17-Jan-20	Thu 23-Jan-20	50	42.7
		Channel: Southbound	Fri 17-Jan-20	Thu 23-Jan-20		42.1

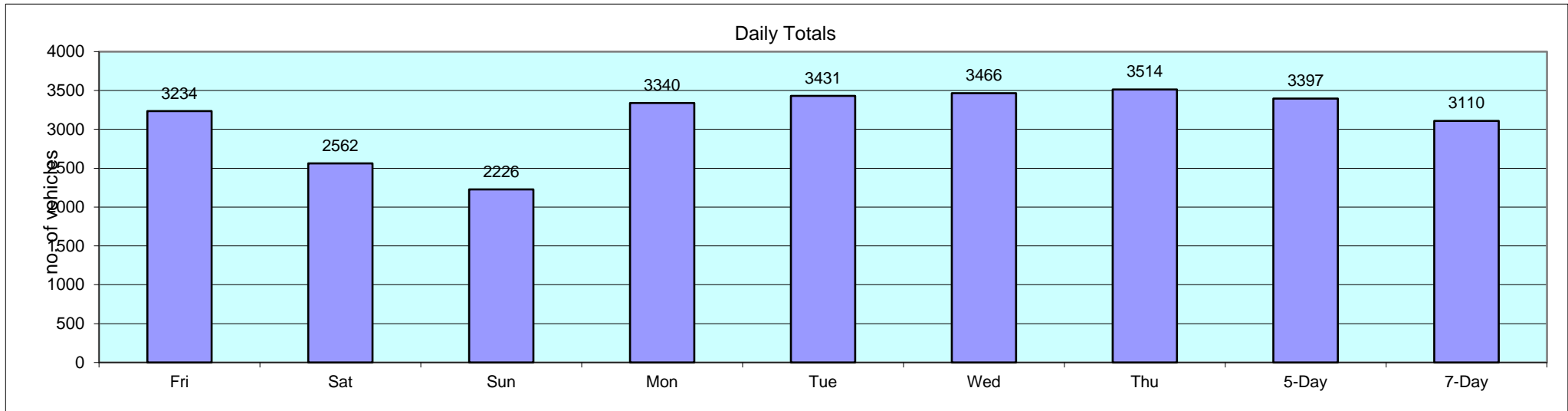
TIME PERIOD	Fri 17/01/20	Sat 18/01/20	Sun 19/01/20	Mon 20/01/20	Tue 21/01/20	Wed 22/01/20	Thu 23/01/20	5-Day Av	7-Day Av
Week Begin: 17-Jan-20									
00:00	9	18	17	3	6	5	6	6	9
01:00	3	4	6	1	2	2	1	2	3
02:00	1	3	3	2	1	2	2	2	2
03:00	2	3	3	1	2	1	1	1	2
04:00	6	3	1	4	1	3	1	3	3
05:00	29	7	8	24	25	28	38	29	23
06:00	142	25	11	136	170	158	158	153	114
07:00	291	67	40	343	343	333	350	332	252
08:00	239	125	50	273	265	274	291	268	217
09:00	190	140	136	198	199	212	253	210	190
10:00	145	180	133	160	174	173	137	158	157
11:00	173	224	229	186	174	175	172	176	190
12:00	204	289	285	167	214	190	209	197	223
13:00	166	217	253	165	175	163	163	166	186
14:00	173	252	228	182	160	163	154	166	187
15:00	215	194	184	193	206	193	182	198	195
16:00	254	150	178	249	281	272	302	272	241
17:00	244	174	124	298	306	316	350	303	259
18:00	196	134	77	190	183	236	196	200	173
19:00	98	82	65	98	120	102	120	108	98
20:00	65	59	51	74	65	66	52	64	62
21:00	45	44	36	59	60	46	76	57	52
22:00	45	46	15	40	55	49	46	47	42
23:00	21	35	12	15	13	13	15	15	18
12H,7-19	2490	2146	1917	2604	2680	2700	2759	2647	2471
16H,6-22	2840	2356	2080	2971	3095	3072	3165	3029	2797
18H,6-24	2906	2437	2107	3026	3163	3134	3226	3091	2857
24H,0-24	2956	2475	2145	3061	3200	3175	3275	3133	2898
Am	07:00	11:00	11:00	07:00	07:00	07:00	07:00	-	-
Peak	291	224	229	343	343	333	350	-	-
Pm	16:00	12:00	12:00	17:00	17:00	17:00	17:00	-	-
Peak	254	289	285	298	306	316	350	-	-

TIME PERIOD	Fri 17/01/20	Sat 18/01/20	Sun 19/01/20	Mon 20/01/20	Tue 21/01/20	Wed 22/01/20	Thu 23/01/20	5-Day Av	7-Day Av
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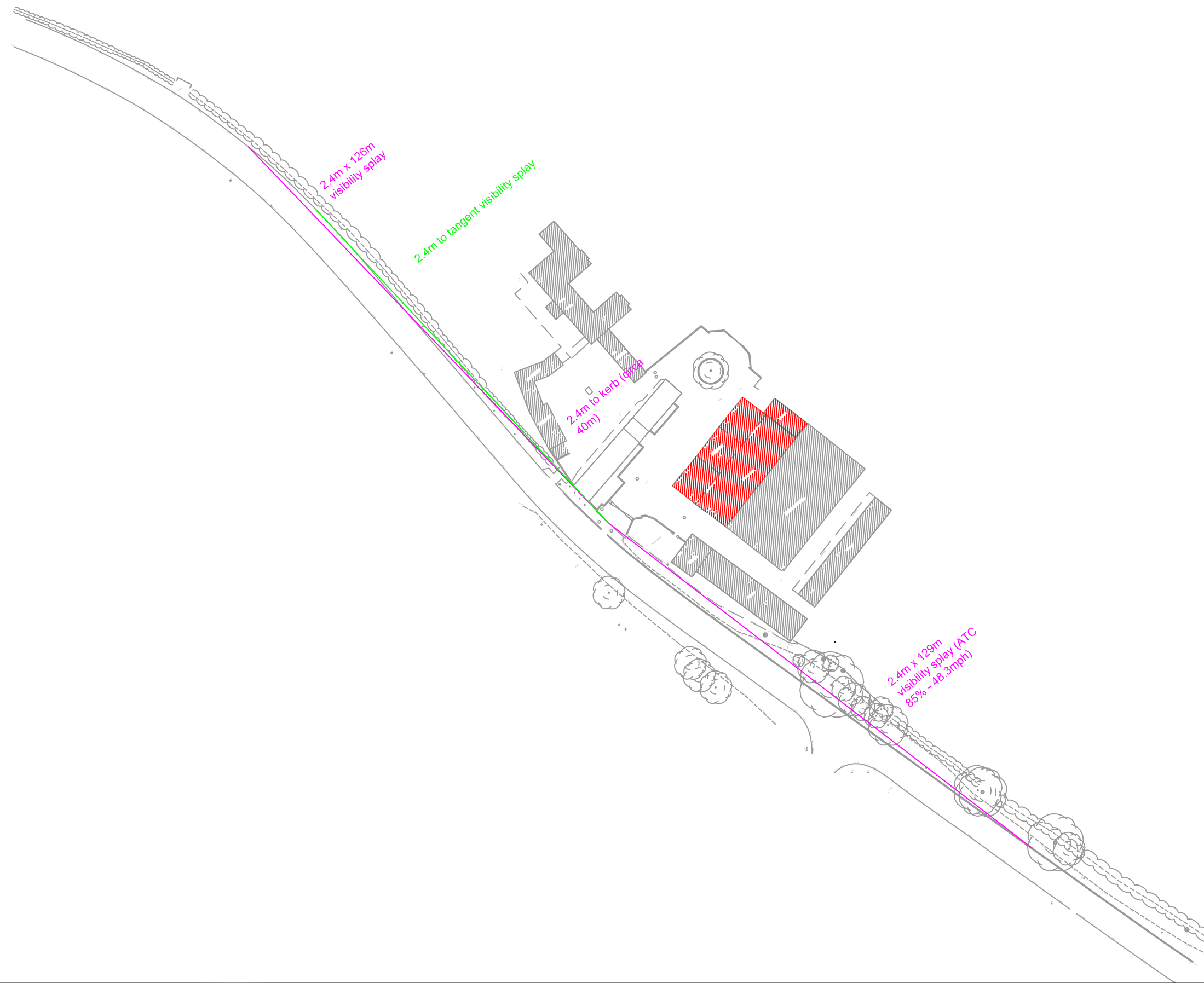
24913	CHADWICK END		Site No: 24913001		Location		A4141 Chadwick End (Tractor Sign)		
	Channel: Southbound								
TIME PERIOD	Fri 17/01/20	Sat 18/01/20	Sun 19/01/20	Mon 20/01/20	Tue 21/01/20	Wed 22/01/20	Thu 23/01/20	5-Day Av	7-Day Av
Week Begin: 17-Jan-20									
00:00	10	8	23	5	3	8	14	8	10
01:00	3	6	6	2	2	3	0	2	3
02:00	3	5	5	3	2	3	2	3	3
03:00	0	2	7	2	2	6	6	3	4
04:00	6	8	7	7	1	3	2	4	5
05:00	23	7	10	21	23	26	26	24	19
06:00	65	8	12	54	63	78	80	68	51
07:00	214	40	19	214	243	221	215	221	167
08:00	268	97	49	279	295	263	295	280	221
09:00	185	147	110	186	187	190	183	186	170
10:00	157	187	172	147	144	155	147	150	158
11:00	166	209	165	141	175	170	167	164	170
12:00	198	257	224	192	140	158	179	173	193
13:00	190	252	256	207	179	177	178	186	206
14:00	224	266	251	209	237	218	216	221	232
15:00	333	260	265	277	252	279	278	284	278
16:00	381	248	251	386	471	440	427	421	372
17:00	334	166	148	403	445	469	463	423	347
18:00	176	133	87	293	243	284	286	256	215
19:00	99	71	54	140	124	115	127	121	104
20:00	65	50	48	78	76	67	84	74	67
21:00	45	36	29	36	50	46	53	46	42
22:00	49	55	19	37	56	65	53	52	48
23:00	40	44	9	21	18	22	33	27	27
12H,7-19	2826	2262	1997	2934	3011	3024	3034	2966	2727
16H,6-22	3100	2427	2140	3242	3324	3330	3378	3275	2992
18H,6-24	3189	2526	2168	3300	3398	3417	3464	3354	3066
24H,0-24	3234	2562	2226	3340	3431	3466	3514	3397	3110
Am	08:00	11:00	10:00	08:00	08:00	08:00	08:00	-	-
Peak	268	209	172	279	295	263	295	-	-
Pm	16:00	14:00	15:00	17:00	16:00	17:00	17:00	-	-
Peak	381	266	265	403	471	469	463	-	-

TIME PERIOD	Fri 17/01/20	Sat 18/01/20	Sun 19/01/20	Mon 20/01/20	Tue 21/01/20	Wed 22/01/20	Thu 23/01/20	5-Day Av	7-Day Av
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Direction	Recorded 85%ile speed		survey weather conditions	Wet weather design speed (with adjustment where appropriate)			Criteria	reaction time	deceleration rate	gradient	stopping sight distance	bonnet adjusted SSD
	mph	kph		mph	kph	m/s		s	m/s ²	%	m	m
Channel: Northbound	48.3	77.7	dry	45.8	73.7	20.5	DMRB (pref)	2.0	2.5	0.0	126.5	128.9
Channel: Southbound	47.8	76.9	dry	45.3	72.9	20.2	DMRB (pref)	2.0	2.5	0.0	124.0	126.4

Appendix B



Based upon the ORDNANCE SURVEY MAPS with the permission of THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE © Crown Copyright AL 100030412

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REV	DESCRIPTION	DRAWN	INITIALS	DATE	DRAWING STATUS	CHECKED BY	DATE



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JOB TITLE Arbour Tree Farm		CLIENT Tyler Parkes	
DRAWING TITLE Access Visibility Splays			
SCALE 1/1000@A3	DRAWN BY BP	DATE Feb 2020	DRAWING No 22018-02
			REVISION