

APPENDIX 6

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1 INTRODUCTION

1.1 Automatic Traffic Counts

Automatic Traffic Counters (ATC) were positioned on the sections of road through Ballina that are expected to be utilised by construction staff. The ATC recorded the volumes, type and speeds of vehicles travelling in both directions. These surveys provide a profile of the traffic flow over a seven-day timeframe and provide adequate baseline data to establish the AADT on each of the roads. Weekly Average Daily Traffic (WADT) is expressed as number of vehicles.

The ATC counts were carried out on the following roads in Ballina:

- Quay Road
- Nally Street
- Tolan Street
- N59 Emmet Street
- N59 Cathedral Road
- N59 Clare Street
- R294 Abbey Street
- Bunree Road
- Behy Road
- R294 Brusna

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2 ATC SURVEY RESULTS

2.1 Quay Road

Northbound

Time	Northbound							5 Day Avg	7 Day Avg
	Mon 22-Nov	Tue 23-Nov	Wed 24-Nov	Thu 25-Nov	Fri 26-Nov	Sat 27-Nov	Sun 28-Nov		
00:00	3	1	2	5	5	9	6	3	4
01:00	3	2	1	1	1	2	8	2	3
02:00	0	0	1	1	0	0	1	0	0
03:00	1	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0
05:00	2	3	1	2	0	0	0	2	1
06:00	6	4	7	3	3	3	4	5	4
07:00	19	14	12	17	13	8	8	15	13
08:00	119	126	119	123	116	13	4	121	89
09:00	120	120	131	134	140	43	45	129	105
10:00	59	75	38	51	46	120	59	54	64
11:00	92	93	93	75	97	145	79	90	96
12:00	140	77	80	78	80	109	104	91	95
13:00	122	119	120	117	83	101	111	112	110
14:00	66	137	118	126	160	97	102	121	115
15:00	88	75	91	95	111	111	115	92	98
16:00	96	110	105	93	96	120	98	100	103
17:00	113	108	115	139	107	106	54	116	106
18:00	120	118	111	141	94	86	55	117	104
19:00	113	98	91	113	71	55	45	97	84
20:00	64	57	47	69	43	45	27	56	50
21:00	32	28	22	27	28	23	21	27	26
22:00	14	13	14	12	12	19	11	13	14
23:00	2	6	4	10	8	21	8	6	8
07-19	1154	1172	1133	1189	1143	1059	834	1158	1098
06-22	1369	1359	1300	1401	1288	1185	931	1343	1262
06-00	1385	1378	1318	1423	1308	1225	950	1362	1284
00-00	1394	1385	1323	1432	1314	1236	965	1370	1293

Southbound

Time	Southbound							5 Day Avg	7 Day Avg
	Mon 22-Nov	Tue 23-Nov	Wed 24-Nov	Thu 25-Nov	Fri 26-Nov	Sat 27-Nov	Sun 28-Nov		
00:00	3	3	4	0	4	4	7	3	4
01:00	1	0	0	0	1	1	5	0	1
02:00	1	0	0	0	1	3	1	0	1
03:00	0	0	0	0	0	1	1	0	0
04:00	1	1	1	0	1	0	0	1	1
05:00	1	5	3	2	0	1	2	2	2
06:00	12	9	12	11	4	2	3	10	8
07:00	38	34	33	27	28	12	8	32	26
08:00	132	145	129	148	129	24	7	137	102
09:00	158	165	153	164	164	59	29	161	127
10:00	52	63	54	55	58	91	69	56	63
11:00	62	62	51	56	67	103	71	60	67
12:00	129	79	70	62	131	128	71	94	96
13:00	80	85	69	73	63	75	95	74	77
14:00	109	138	159	145	129	100	104	136	126
15:00	86	119	94	96	94	70	75	98	91
16:00	73	80	75	72	61	82	74	72	74
17:00	72	66	66	79	79	75	46	72	69
18:00	73	70	57	92	65	71	44	71	67
19:00	46	54	68	92	54	59	28	63	57
20:00	59	70	58	63	35	22	24	57	47
21:00	42	20	17	30	22	8	11	26	21
22:00	14	11	8	12	11	10	9	11	11
23:00	2	2	4	3	6	14	2	3	5
07-19	1064	1106	1010	1069	1068	890	693	1063	986
06-22	1223	1259	1165	1265	1183	981	759	1219	1119
06-00	1239	1272	1177	1280	1200	1005	770	1234	1135
00-00	1246	1281	1185	1282	1207	1015	786	1240	1143

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Combined									
Time	Mon 22-Nov	Tue 23-Nov	Wed 24-Nov	Thu 25-Nov	Fri 26-Nov	Sat 27-Nov	Sun 28-Nov	5 Day Avg	7 Day Avg
00:00	6	4	6	5	9	13	13	6	8
01:00	4	2	1	1	2	3	13	2	4
02:00	1	0	1	1	1	3	2	1	1
03:00	1	0	0	0	0	1	1	0	0
04:00	1	2	1	0	1	0	0	1	1
05:00	3	8	4	4	0	1	2	4	3
06:00	18	13	19	14	7	5	7	14	12
07:00	57	48	45	44	41	20	16	47	39
08:00	251	271	248	271	245	37	11	257	191
09:00	278	285	284	298	304	102	74	290	232
10:00	111	138	92	106	104	211	128	110	127
11:00	154	155	144	131	164	248	150	150	164
12:00	269	156	150	140	211	237	175	185	191
13:00	202	204	189	190	146	176	206	186	188
14:00	175	275	277	271	289	197	206	257	241
15:00	174	194	185	191	205	181	190	190	189
16:00	169	190	180	165	157	202	172	172	176
17:00	185	174	181	218	186	181	100	189	175
18:00	193	188	168	233	159	157	99	188	171
19:00	159	152	159	205	125	114	73	160	141
20:00	123	127	105	132	78	67	51	113	98
21:00	74	48	39	57	50	31	32	54	47
22:00	28	24	22	24	23	29	20	24	24
23:00	4	8	8	13	14	35	10	9	13
07-19	2218	2278	2143	2258	2211	1949	1527	2222	2083
06-22	2592	2618	2465	2666	2471	2166	1690	2562	2381
06-00	2624	2650	2495	2703	2508	2230	1720	2596	2419
00-00	2640	2666	2508	2714	2521	2251	1751	2610	2436

Northbound						
Day	Avg	85th	95th	% >PSL	% >ACPO	%>DFT
Monday	49.7	58.7	64.1	86.7%	71.2%	28.7%
Tuesday	50.4	59.3	65.1	88.9%	73.0%	32.0%
Wednesday	49.7	59.2	64.1	86.5%	69.5%	28.9%
Thursday	50.3	59.2	64.3	89.0%	74.4%	30.9%
Friday	50.2	59.8	65.3	85.0%	70.5%	31.1%
Saturday	47.9	57.1	63	82.8%	61.1%	20.0%
Sunday	45.8	54.8	60.3	76.1%	51.1%	13.9%
5day	50.1	59.2	64.5	87.3%	71.8%	30.3%
7day	49.3	58.7	64.1	85.5%	68.1%	27.1%

Southbound						
Day	Avg	85th	95th	% >PSL	% >ACPO	%>DFT
Monday	45.3	53.8	59.2	76.5%	47.8%	11.4%
Tuesday	45.1	53.1	58.3	75.6%	48.6%	10.3%
Wednesday	45.2	53.8	58.9	74.9%	48.4%	11.3%
Thursday	45.1	53.3	58.3	75.8%	47.8%	11.2%
Friday	45.2	53.9	59.2	74.5%	48.5%	12.2%
Saturday	43.9	52.2	57.4	69.0%	40.9%	8.1%
Sunday	42.7	51.6	57.3	63.9%	34.2%	8.8%
5day	45.2	53.5	58.7	75.5%	48.2%	11.3%
7day	44.8	53.3	58.5	73.5%	45.9%	10.6%

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Combined						
Day	Avg	85th	95th	% >PSL	% >ACPO	%>DFT
Monday	47.6	56.9	61.9	81.9%	60.2%	20.5%
Tuesday	47.9	57.2	62.7	82.5%	61.3%	21.6%
Wednesday	47.6	57	62.3	81.1%	59.5%	20.6%
Thursday	47.9	57.1	62.1	82.8%	61.9%	21.6%
Friday	47.8	57.5	63.3	80.0%	59.9%	22.0%
Saturday	46.1	54.9	60.6	76.6%	52.0%	14.6%
Sunday	44.4	53.9	58.9	70.6%	43.5%	11.6%
5day	47.7	57.1	62.5	81.7%	60.6%	21.3%
7day	47.2	56.6	62.1	79.9%	57.7%	19.4%

Northbound ▼

Time	Northbound							5 Day Avg	7 Day Avg
	Mon 29-Nov	Tue 30-Nov	Wed 01-Dec	Thu 02-Dec	Fri 03-Dec	Sat 04-Dec	Sun 05-Dec		
00:00	1	3	3	2	6	8	11	3	5
01:00	3	0	1	3	2	4	8	2	3
02:00	0	0	0	0	1	2	6	0	1
03:00	0	1	1	0	1	1	4	1	1
04:00	1	0	2	0	0	0	0	1	0
05:00	2	1	1	1	0	0	0	1	1
06:00	5	6	2	1	1	2	2	3	3
07:00	11	10	8	15	8	10	3	10	9
08:00	122	112	135	116	96	19	19	116	88
09:00	119	128	143	138	141	105	31	134	115
10:00	47	45	47	56	60	133	66	51	65
11:00	82	62	68	81	77	121	93	74	83
12:00	65	62	62	81	64	138	106	67	83
13:00	109	126	112	113	139	154	103	120	122
14:00	142	136	117	136	157	171	93	138	136
15:00	86	78	95	100	112	108	118	94	100
16:00	109	103	103	90	119	104	87	105	102
17:00	120	102	115	122	107	95	76	113	105
18:00	115	111	117	134	116	83	58	119	105
19:00	81	93	79	91	118	62	54	92	83
20:00	61	53	61	70	47	46	24	58	52
21:00	31	27	30	34	28	26	29	30	29
22:00	13	15	16	10	19	29	20	15	17
23:00	2	7	9	9	17	14	8	9	9
07-19	1127	1075	1122	1182	1196	1241	853	1140	1114
06-22	1305	1254	1294	1378	1390	1377	962	1324	1280
06-00	1320	1276	1319	1397	1426	1420	990	1348	1307
00-00	1327	1281	1327	1403	1436	1435	1019	1355	1318

APPENDIX 6

Southbound ▼

Time	Southbound							5 Day Avg	7 Day Avg
	Mon 29-Nov	Tue 30-Nov	Wed 01-Dec	Thu 02-Dec	Fri 03-Dec	Sat 04-Dec	Sun 05-Dec		
00:00	0	1	2	2	2	10	15	1	5
01:00	0	0	1	2	2	1	8	1	2
02:00	0	2	0	0	0	3	5	0	1
03:00	0	0	1	0	0	1	1	0	0
04:00	1	0	0	0	0	0	2	0	0
05:00	4	3	4	4	5	0	2	4	3
06:00	9	8	9	9	3	3	3	8	6
07:00	33	28	25	22	26	13	2	27	21
08:00	133	140	148	146	133	34	17	140	107
09:00	136	169	161	154	177	73	39	159	130
10:00	52	54	50	54	59	147	54	54	67
11:00	55	62	63	62	78	110	65	64	71
12:00	61	63	61	76	60	146	76	64	78
13:00	76	63	52	52	68	105	79	62	71
14:00	152	132	130	136	161	87	96	142	128
15:00	118	124	102	128	130	99	92	120	113
16:00	62	50	83	77	94	127	90	73	83
17:00	65	64	73	63	87	56	64	70	67
18:00	85	65	68	79	64	58	42	72	66
19:00	53	51	63	77	69	64	35	63	59
20:00	51	46	71	61	60	48	20	58	51
21:00	24	31	27	35	21	25	20	28	26
22:00	18	12	8	6	11	14	10	11	11
23:00	1	2	1	2	13	12	6	4	5
07-19	1028	1014	1016	1049	1137	1055	716	1049	1002
06-22	1165	1150	1186	1231	1290	1195	794	1204	1144
06-00	1184	1164	1195	1239	1314	1221	810	1219	1161
00-00	1189	1170	1203	1247	1323	1236	843	1226	1173

Combined ▼

Time	Combined							5 Day Avg	7 Day Avg
	Mon 29-Nov	Tue 30-Nov	Wed 01-Dec	Thu 02-Dec	Fri 03-Dec	Sat 04-Dec	Sun 05-Dec		
00:00	1	4	5	4	8	18	26	4	9
01:00	3	0	2	5	4	5	16	3	5
02:00	0	2	0	0	1	5	11	1	3
03:00	0	1	2	0	1	2	5	1	2
04:00	2	0	2	0	0	0	2	1	1
05:00	6	4	5	5	5	0	2	5	4
06:00	14	14	11	10	4	5	5	11	9
07:00	44	38	33	37	34	23	5	37	31
08:00	255	252	283	262	229	53	36	256	196
09:00	255	297	304	292	318	178	70	293	245
10:00	99	99	97	110	119	280	120	105	132
11:00	137	124	131	143	155	231	158	138	154
12:00	126	125	123	157	124	284	182	131	160
13:00	185	189	164	165	207	259	182	182	193
14:00	294	268	247	272	318	258	189	280	264
15:00	204	202	197	228	242	207	210	215	213
16:00	171	153	186	167	213	231	177	178	185
17:00	185	166	188	185	194	151	140	184	173
18:00	200	176	185	213	180	141	100	191	171
19:00	134	144	142	168	187	126	89	155	141
20:00	112	99	132	131	107	94	44	116	103
21:00	55	58	57	69	49	51	49	58	55
22:00	31	27	24	16	30	43	30	26	29
23:00	3	9	10	11	30	26	14	13	15
07-19	2155	2089	2138	2231	2333	2296	1569	2189	2116
06-22	2470	2404	2480	2609	2680	2572	1756	2529	2424
06-00	2504	2440	2514	2636	2740	2641	1800	2567	2468
00-00	2516	2451	2530	2650	2759	2671	1862	2581	2491

