

ROYAL ORDNANCE, BISHOPTON



OUTLINE PLANNING APPLICATION FOR THE REGENERATION
OF THE SITE TO FORM A MIXED USE COMMUNITY GROWTH AREA

APPENDICES TO THE ENVIRONMENTAL STATEMENT

APPENDIX 9.4 WITH DEVELOPMENT ROAD TRAFFIC FLOWS

May 2006

Appendix 9.4 – With Development Traffic Flow Data for 2009, 2015 and 2022

1 With Development Traffic Flow data for 2009

Road Sections	AADT 2009	Peak Hour 2009	%HDS	Total LDVs (p/hr)	Total HDVs (p/hr)
1	4429	185	4.9	175	9
2	474	20	4.9	19	1
3	35814	1492	4.9	1419	73
4	4544	189	4.9	180	9
5	0	0	4.9	0	0
6	4518	188	4.9	179	9
7	5018	209	4.9	199	10
8	448	19	4.9	18	1
9	6541	273	4.9	259	13
10	5875	245	4.9	233	12
11	960	40	4.9	38	2
12	8832	368	4.9	350	18
13	5426	226	4.9	215	11
14	10547	439	4.9	418	22
15	6528	272	4.9	259	13
16	7642	318	4.9	303	16
17	0	0	4.9	0	0
18	13047	544	4.9	517	27
19	0	0	4.9	0	0
20	13047	544	4.9	517	27
21	0	0	4.9	0	0
22	13047	544	4.9	517	27
23	20921	872	4.9	829	43
24	14869	620	4.9	589	30
25	20682	862	4.9	820	42
26	3511	146	4.9	139	7
27	18342	764	4.9	727	37
28	11518	480	4.9	456	24
29	15424	643	4.9	611	31
30	11149	465	4.9	442	23
31	1915	80	4.9	76	4
32	10099	421	4.9	400	21
33	2662	111	4.9	105	5
34	8563	357	4.9	339	17
35	3290	137	4.9	130	7
36	6502	271	4.9	258	13
37	2833	118	4.9	112	6
38	1702	71	4.9	67	3
39	4735	197	4.9	188	10
40	3205	134	99	1	132
41	0	0	99	0	0
42	3205	134	99	1	132
43	0	0	99	0	0
44	0	0	99	0	0
45	3205	134	99	1	132
46	3205	134	99	1	132
47	0	0	99	0	0
48	3205	134	99	1	132
49	3205	134	99	1	132
50	3205	134	99	1	132
51	6411	267	4.9	254	13
52	66304	2763	4.9	2627	135
53	57843	2410	4.9	2292	118

With Development Traffic Flow data for 2015

Road Sections	AADT 2015	Hourly Flows	%HDVs	Total LDVs (p/hr)	Total HDVs (p/hr)
1	6643	277	4.9	263	14
2	3298	137	4.9	131	7
3	38349	1598	4.9	1520	78
4	8742	364	4.9	346	18
5	8672	361	4.9	344	18
6	6029	251	4.9	239	12
7	4032	168	4.9	160	8
8	798	33	4.9	32	2
9	7249	302	4.9	287	15
10	9011	375	4.9	357	18
11	2752	115	4.9	109	6
12	8605	359	4.9	341	18
13	4628	193	4.9	183	9
14	12010	500	4.9	476	25
15	9254	386	4.9	367	19
16	10175	424	4.9	403	21
17	13313	555	4.9	528	27
18	22025	918	4.9	873	45
19	0	0	4.9	0	0
20	22025	918	4.9	873	45
21	0	0	4.9	0	0
22	22025	918	4.9	873	45
23	21799	908	4.9	864	45
24	13539	564	4.9	536	28
25	15960	665	4.9	632	33
26	5187	216	4.9	206	11
27	18906	788	4.9	749	39
28	18381	766	4.9	728	38
29	18330	764	4.9	726	37
30	18368	765	4.9	728	38
31	13837	577	4.9	548	28
32	15424	643	4.9	611	31
33	3533	147	4.9	140	7
34	13517	563	4.9	536	28
35	5533	231	4.9	219	11
36	8115	338	4.9	322	17
37	7450	310	4.9	295	15
38	1690	70	4.9	67	3
39	3994	166	4.9	158	8
40	0	0	4.9	0	0
41	0	0	4.9	0	0
42	0	0	4.9	0	0
43	0	0	4.9	0	0
44	0	0	4.9	0	0
45	0	0	4.9	0	0
46	585	24	4.9	23	1
47	2181	91	4.9	86	4
48	2766	115	4.9	110	6
49	321	13	4.9	13	1
50	0	0	4.9	0	0
51	5852	244	4.9	232	12
52	70989	2958	4.9	2813	145
53	61926	2580	4.9	2454	126

With Development Traffic Flow data for 2022

Road Sections	AADT 2022	Hourly Flows	%HDVs	Total LDVs	Total HDVs
1	7360	307	4.9	292	15
2	2291	95	4.9	91	5
3	40576	1691	4.9	1608	83
4	10294	429	4.9	408	21
5	9616	401	4.9	381	20
6	10918	455	4.9	433	22
7	7168	299	4.9	284	15
8	878	37	4.9	35	2
9	9895	412	4.9	392	20
10	10611	442	4.9	420	22
11	3034	126	4.9	120	6
12	9523	397	4.9	377	19
13	5174	216	4.9	205	11
14	13287	554	4.9	526	27
15	10240	427	4.9	406	21
16	12675	528	4.9	502	26
17	14723	613	4.9	583	30
18	17609	734	4.9	698	36
19	0	0	4.9	0	0
20	17609	734	4.9	698	36
21	0	0	4.9	0	0
22	17609	734	4.9	698	36
23	24140	1006	4.9	957	49
24	14989	625	4.9	594	31
25	17676	736	4.9	700	36
26	5732	239	4.9	227	12
27	20928	872	4.9	829	43
28	18687	779	4.9	740	38
29	20301	846	4.9	804	41
30	15309	638	4.9	607	31
31	3205	134	4.9	127	7
32	16986	708	4.9	673	35
33	3917	163	4.9	155	8
34	15053	627	4.9	596	31
35	5919	247	4.9	235	12
36	12954	540	4.9	513	26
37	4243	177	4.9	168	9
38	1869	78	4.9	74	4
39	6504	271	4.9	258	13
40	2381	99	4.9	94	5
41	1383	58	4.9	55	3
42	2500	104	4.9	99	5
43	2221	93	4.9	88	5
44	4815	201	4.9	191	10
45	4339	181	4.9	172	9
46	10613	442	4.9	421	22
47	4326	180	4.9	171	9
48	16306	679	4.9	646	33
49	5639	235	4.9	223	12
50	3551	148	4.9	141	7
51	5413	226	4.9	214	11
52	75123	3130	4.9	2977	153
53	65536	2731	4.9	2597	134