

Main results: (16:30-16:45)

Arm	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Circulating Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
1	26.07	26.06	192.28	0.00	1780.58	0.015	0.01	2.051	A
2	92.59	92.55	171.62	0.00	1477.88	0.063	0.07	2.598	A
3	157.32	157.22	118.61	0.00	1309.83	0.120	0.14	3.122	A
4	204.97	204.86	0.00	0.00	1573.80	0.130	0.15	2.629	A

Main results: (16:45-17:00)

Arm	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Circulating Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
1	31.93	31.91	235.47	0.00	1750.57	0.018	0.02	2.094	A
2	113.41	113.33	210.17	0.00	1453.65	0.078	0.08	2.685	A
3	192.68	192.53	145.25	0.00	1294.63	0.149	0.17	3.266	A
4	251.03	250.87	0.00	0.00	1573.80	0.160	0.19	2.721	A

Main results: (17:00-17:15)

Arm	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Circulating Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
1	31.93	31.93	235.62	0.00	1750.47	0.018	0.02	2.094	A
2	113.41	113.40	210.29	0.00	1453.57	0.078	0.08	2.685	A
3	192.68	192.68	145.33	0.00	1294.58	0.149	0.17	3.266	A
4	251.03	251.03	0.00	0.00	1573.80	0.160	0.19	2.721	A

Main results: (17:15-17:30)

Arm	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Circulating Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
1	26.07	26.09	192.53	0.00	1780.40	0.015	0.01	2.051	A
2	92.59	92.66	171.83	0.00	1477.75	0.063	0.07	2.600	A
3	157.32	157.47	118.75	0.00	1309.75	0.120	0.14	3.126	A
4	204.97	205.12	0.00	0.00	1573.80	0.130	0.15	2.630	A

Main results: (17:30-17:45)

Arm	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Circulating Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
1	21.83	21.84	161.21	0.00	1802.16	0.012	0.01	2.023	A
2	77.54	77.59	143.88	0.00	1495.31	0.052	0.05	2.538	A
3	131.75	131.85	99.44	0.00	1320.77	0.100	0.11	3.027	A
4	171.65	171.76	0.00	0.00	1573.80	0.109	0.12	2.569	A

Appendix L Raw Survey Data



Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



ARM: A6195 DEARNE VALLEY PARKWAY

TIME / CLASS	LEFT TO A6135							STRAIGHT TO A61 (SOUTH)							RIGHT TO A61 (WEST)							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	1	0	0	0	0	1	0	145	19	2	4	0	170	0	9	1	0	0	0	10	181
7:15 - 7:30	0	2	0	0	0	0	2	0	154	21	5	4	0	184	0	7	1	0	0	0	8	194
7:30 - 7:45	0	3	2	0	0	0	5	2	179	24	4	9	0	218	0	11	2	0	0	0	13	236
7:45 - 8:00	0	4	1	0	0	0	5	1	199	32	4	7	0	243	0	12	2	0	0	0	14	262
HOURLY TOTAL	0	10	3	0	0	0	13	3	677	96	15	24	0	815	0	39	6	0	0	0	45	873
8:00 - 8:15	0	2	0	0	0	0	2	1	205	41	4	3	0	254	1	12	3	2	0	0	18	274
8:15 - 8:30	0	8	3	0	0	0	11	2	188	32	4	6	0	232	0	9	6	0	1	0	16	259
8:30 - 8:45	0	7	1	0	0	0	8	2	164	23	14	7	0	210	0	20	2	4	0	0	26	244
8:45 - 9:00	0	5	0	0	0	0	5	0	139	22	6	6	0	173	0	11	4	1	0	0	16	194
HOURLY TOTAL	0	22	4	0	0	0	26	5	696	118	28	22	0	869	1	52	15	7	1	0	76	971
9:00 - 9:15	0	4	0	1	0	0	5	0	126	26	9	10	0	171	0	6	2	1	0	0	9	185
9:15 - 9:30	0	2	2	0	0	0	4	1	116	12	8	2	0	139	0	9	1	1	0	0	11	154
9:30 - 9:45	0	1	1	1	0	0	3	1	128	8	8	2	0	147	0	15	4	0	0	1	20	170
9:45 - 10:00	0	5	1	0	0	0	6	0	94	23	8	2	1	128	0	15	2	3	0	0	20	154
HOURLY TOTAL	0	12	4	2	0	0	18	2	464	69	33	16	1	585	0	45	9	5	0	1	60	663

PERIOD TOTAL	0	44	11	2	0	0	57	10	1837	283	76	62	1	2269	1	136	30	12	1	1	181	2507
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16:00 - 16:15	0	8	0	1	0	0	9	0	160	41	7	9	0	217	1	27	4	3	1	1	37	263
16:15 - 16:30	0	6	0	0	0	0	6	1	163	44	8	2	1	219	0	32	5	0	1	0	38	263
16:30 - 16:45	0	8	0	0	0	0	8	1	195	32	8	3	0	239	1	25	1	0	0	0	27	274
16:45 - 17:00	0	7	0	0	0	0	7	1	188	19	5	1	0	214	0	22	3	0	0	0	25	246
HOURLY TOTAL	0	29	0	1	0	0	30	3	706	136	28	15	1	889	2	106	13	3	2	1	127	1046
17:00 - 17:15	0	6	0	0	0	0	6	1	130	10	3	5	0	149	1	38	3	0	0	0	42	197
17:15 - 17:30	1	11	1	0	0	0	13	0	169	12	4	4	0	189	2	34	0	3	0	0	39	241
17:30 - 17:45	0	11	0	0	1	0	12	1	143	10	3	2	1	160	0	24	2	0	1	0	27	199
17:45 - 18:00	0	3	0	0	0	0	3	2	135	11	2	0	0	150	0	23	2	0	0	0	25	178
HOURLY TOTAL	1	31	1	0	1	0	34	4	577	43	12	11	1	648	3	119	7	3	1	0	133	815
18:00 - 18:15	0	10	1	0	0	0	11	0	138	12	1	2	0	153	0	28	2	0	0	0	30	194
18:15 - 18:30	0	10	0	0	0	0	10	1	134	12	2	3	0	152	0	30	4	0	0	0	34	196
18:30 - 18:45	0	10	0	0	0	0	10	0	112	11	0	5	0	128	0	21	3	0	0	0	24	162
18:45 - 19:00	0	8	1	0	0	0	9	1	101	9	2	1	0	114	0	14	2	0	0	0	16	139
HOURLY TOTAL	0	38	2	0	0	0	40	2	485	44	5	11	0	547	0	93	11	0	0	0	104	691

PERIOD TOTAL	1	98	3	1	1	0	104	9	1768	223	45	37	2	2084	5	318	31	6	3	1	364	2552
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



ARM: A6135

TIME / CLASS	LEFT TO A61 (SOUTH)							STRAIGHT TO A61 (WEST)							RIGHT TO A6195 DEARNE VALLEY PARKWAY							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	59	7	0	0	0	66	0	33	1	0	0	1	35	0	1	1	0	0	0	2	103
7:15 - 7:30	0	79	9	0	0	0	88	0	41	1	0	0	2	44	0	2	1	0	0	0	3	135
7:30 - 7:45	0	54	11	0	0	0	65	0	39	4	1	0	2	46	0	5	0	1	0	0	6	117
7:45 - 8:00	1	66	12	0	0	0	79	0	50	2	0	0	1	53	0	4	2	0	0	0	6	138
HOURLY TOTAL	1	258	39	0	0	0	298	0	163	8	1	0	6	178	0	12	4	1	0	0	17	493
8:00 - 8:15	0	73	11	2	0	0	86	1	54	3	1	0	1	60	0	6	0	0	0	0	6	152
8:15 - 8:30	0	63	4	5	0	1	73	0	51	7	0	0	3	61	0	3	1	0	0	0	4	138
8:30 - 8:45	0	67	10	1	0	0	78	0	61	2	1	0	3	67	0	9	0	0	1	0	10	155
8:45 - 9:00	0	66	16	0	1	0	83	0	79	5	0	0	2	86	0	14	2	1	2	0	19	188
HOURLY TOTAL	0	269	41	8	1	1	320	1	245	17	2	0	9	274	0	32	3	1	3	0	39	633
9:00 - 9:15	0	67	7	3	1	0	78	3	68	5	3	0	2	81	0	3	2	0	0	0	5	164
9:15 - 9:30	0	49	10	3	0	0	62	2	46	8	1	0	4	61	0	3	3	0	1	0	7	130
9:30 - 9:45	0	34	7	2	1	0	44	0	46	3	0	1	2	52	0	3	0	0	0	0	3	99
9:45 - 10:00	0	35	3	2	1	0	41	1	50	3	1	0	2	57	1	7	1	0	0	0	9	107
HOURLY TOTAL	0	185	27	10	3	0	225	6	210	19	5	1	10	251	1	16	6	0	1	0	24	500

PERIOD TOTAL	1	712	107	18	4	1	843	7	618	44	8	1	25	703	1	60	13	2	4	0	80	1626
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16:00 - 16:15	0	49	7	2	0	1	59	1	41	7	1	2	4	56	0	8	0	0	1	0	9	124
16:15 - 16:30	0	40	10	0	0	0	50	1	52	10	0	0	1	64	0	5	1	0	0	0	6	120
16:30 - 16:45	0	39	14	0	1	0	54	1	59	5	0	0	2	67	1	1	0	0	0	0	2	123
16:45 - 17:00	0	37	9	1	1	1	49	2	58	10	2	0	5	77	0	5	1	1	0	0	7	133
HOURLY TOTAL	0	165	40	3	2	2	212	5	210	32	3	2	12	264	1	19	2	1	1	0	24	500
17:00 - 17:15	0	41	3	0	1	0	45	0	72	1	0	0	2	75	0	8	4	0	0	0	12	132
17:15 - 17:30	1	51	3	0	0	0	55	1	70	3	1	0	4	79	0	9	0	0	1	0	10	144
17:30 - 17:45	1	60	4	2	1	0	68	0	86	6	2	0	0	94	0	10	0	0	0	0	10	172
17:45 - 18:00	0	34	2	1	0	0	37	2	58	12	1	0	6	79	0	4	0	0	0	0	4	120
HOURLY TOTAL	2	186	12	3	2	0	205	3	286	22	4	0	12	327	0	31	4	0	1	0	36	568
18:00 - 18:15	0	44	3	1	0	0	48	0	58	2	0	1	3	64	0	7	2	0	0	0	9	121
18:15 - 18:30	0	47	3	0	0	0	50	0	51	5	0	0	2	58	0	16	1	0	0	0	17	125
18:30 - 18:45	1	55	1	0	0	0	57	1	50	1	0	0	2	54	0	9	0	0	0	0	9	120
18:45 - 19:00	0	45	0	0	0	0	45	1	53	2	0	0	4	60	0	8	0	0	0	0	8	113
HOURLY TOTAL	1	191	7	1	0	0	200	2	212	10	0	1	11	236	0	40	3	0	0	0	43	479

PERIOD TOTAL	3	542	59	7	4	2	617	10	708	64	7	3	35	827	1	90	9	1	2	0	103	1547
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



ARM: A61 (SOUTH)

TIME / CLASS	LEFT TO A61 (WEST)							STRAIGHT TO A6195 DEARNE VALLEY PARKWAY							RIGHT TO A6135							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	38	7	5	1	0	51	0	128	22	6	4	1	161	0	25	10	1	0	0	36	248
7:15 - 7:30	0	52	9	3	0	0	64	0	166	20	8	8	0	202	0	35	9	1	1	0	46	312
7:30 - 7:45	0	53	6	3	1	1	64	0	171	28	12	11	0	222	0	42	4	4	0	0	50	336
7:45 - 8:00	0	66	7	3	1	0	77	1	188	34	11	5	0	239	1	61	5	0	0	0	67	383
HOURLY TOTAL	0	209	29	14	3	1	256	1	653	104	37	28	1	824	1	163	28	6	1	0	199	1279
8:00 - 8:15	0	76	11	5	6	0	98	1	138	35	15	4	0	193	0	43	4	4	2	2	55	346
8:15 - 8:30	1	89	11	2	4	0	107	0	177	31	11	5	1	225	0	40	5	5	1	0	51	383
8:30 - 8:45	0	74	14	3	2	1	94	1	192	23	15	8	0	239	0	39	10	2	2	0	53	386
8:45 - 9:00	0	62	10	4	6	0	82	1	125	25	12	4	0	167	0	30	6	2	0	0	38	287
HOURLY TOTAL	1	301	46	14	18	1	381	3	632	114	53	21	1	824	0	152	25	13	5	2	197	1402
9:00 - 9:15	1	60	6	2	4	0	73	2	123	24	7	5	2	163	0	25	6	0	0	1	32	268
9:15 - 9:30	0	43	7	4	2	0	56	0	98	12	4	8	0	122	0	32	5	0	0	0	37	215
9:30 - 9:45	5	62	5	4	2	0	78	0	93	26	12	5	1	137	0	33	3	1	0	0	37	252
9:45 - 10:00	0	53	3	1	2	0	59	0	77	16	7	3	0	103	0	32	7	3	0	0	42	204
HOURLY TOTAL	6	218	21	11	10	0	266	2	391	78	30	21	3	525	0	122	21	4	0	1	148	939

PERIOD TOTAL	7	728	96	39	31	2	903	6	1676	296	120	70	5	2173	1	437	74	23	6	3	544	3620
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16:00 - 16:15	1	119	21	3	2	0	146	5	158	47	11	4	0	225	2	58	22	2	1	0	85	456
16:15 - 16:30	0	149	15	1	1	1	167	1	184	38	5	3	1	232	0	75	15	0	2	0	92	491
16:30 - 16:45	0	134	20	2	1	0	157	4	195	50	2	3	0	254	0	66	21	1	0	0	88	499
16:45 - 17:00	0	157	15	0	0	0	172	1	203	57	4	2	1	268	0	90	15	1	0	1	107	547
HOURLY TOTAL	1	559	71	6	4	1	642	11	740	192	22	12	2	979	2	289	73	4	3	1	372	1993
17:00 - 17:15	1	138	25	2	0	1	167	3	208	58	6	3	0	278	0	89	14	3	1	0	107	552
17:15 - 17:30	1	166	21	4	0	0	192	1	200	38	6	4	0	249	1	80	8	2	1	0	92	533
17:30 - 17:45	2	168	21	1	1	0	193	2	242	47	2	5	0	298	0	100	10	1	1	0	112	603
17:45 - 18:00	0	143	22	3	1	0	169	0	232	29	3	1	0	265	0	104	17	1	1	0	123	557
HOURLY TOTAL	4	615	89	10	2	1	721	6	882	172	17	13	0	1090	1	373	49	7	4	0	434	2245
18:00 - 18:15	0	115	14	4	1	0	134	1	195	19	4	5	0	224	1	79	11	2	0	1	94	452
18:15 - 18:30	1	113	5	0	1	0	120	2	183	21	1	1	0	208	0	87	7	0	2	1	97	425
18:30 - 18:45	0	93	4	1	1	0	99	2	146	11	4	1	0	164	0	83	5	0	0	1	89	352
18:45 - 19:00	0	70	6	1	0	0	77	0	125	10	0	2	0	137	0	65	10	1	0	1	77	291
HOURLY TOTAL	1	391	29	6	3	0	430	5	649	61	9	9	0	733	1	314	33	3	2	4	357	1520

PERIOD TOTAL	6	1565	189	22	9	2	1793	22	2271	425	48	34	2	2802	4	976	155	14	9	5	1163	5758
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



ARM: A61 (WEST)

TIME / CLASS	LEFT TO A6195 DEARNE VALLEY PARKWAY							STRAIGHT TO A6135							RIGHT TO A61 (SOUTH)							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	13	3	0	0	1	17	0	53	2	3	0	2	60	0	80	12	3	2	1	98	175
7:15 - 7:30	0	22	0	0	0	0	22	0	49	6	3	0	3	61	1	105	15	4	3	1	129	212
7:30 - 7:45	0	13	3	0	1	0	17	0	57	7	0	1	2	67	0	90	14	3	0	0	107	191
7:45 - 8:00	1	22	4	2	2	1	32	0	36	14	2	0	2	54	1	110	19	4	2	3	139	225
HOURLY TOTAL	1	70	10	2	3	2	88	0	195	29	8	1	9	242	2	385	60	14	7	5	473	803
8:00 - 8:15	0	31	5	3	0	0	39	0	55	13	1	0	0	69	3	106	19	10	3	2	143	251
8:15 - 8:30	0	15	6	1	0	1	23	0	76	11	0	0	2	89	1	109	18	2	2	1	133	245
8:30 - 8:45	2	17	5	3	1	0	28	1	68	10	4	0	6	89	0	112	15	5	2	0	134	251
8:45 - 9:00	0	25	7	1	0	0	33	2	43	13	2	0	1	61	1	116	16	7	3	1	144	238
HOURLY TOTAL	2	88	23	8	1	1	123	3	242	47	7	0	9	308	5	443	68	24	10	4	554	985
9:00 - 9:15	0	18	4	0	0	0	22	0	57	5	1	1	4	68	0	84	21	6	1	0	112	202
9:15 - 9:30	0	16	0	2	0	0	18	0	41	4	1	0	4	50	0	66	12	3	1	2	84	152
9:30 - 9:45	0	19	3	1	0	0	23	0	37	7	4	2	3	53	0	79	6	2	1	0	88	164
9:45 - 10:00	0	15	7	3	0	0	25	0	35	5	2	0	2	44	1	65	11	2	1	0	80	149
HOURLY TOTAL	0	68	14	6	0	0	88	0	170	21	8	3	13	215	1	294	50	13	4	2	364	667

PERIOD TOTAL	3	226	47	16	4	3	299	3	607	97	23	4	31	765	8	1122	178	51	21	11	1391	2455
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16:00 - 16:15	0	15	5	1	0	0	21	0	56	1	0	0	4	61	2	65	20	3	0	1	91	173
16:15 - 16:30	1	22	4	0	0	0	27	0	58	2	2	0	1	63	1	79	24	3	2	2	111	201
16:30 - 16:45	1	24	5	2	1	0	33	1	44	6	0	0	4	55	2	95	15	4	2	2	120	208
16:45 - 17:00	0	18	4	0	0	0	22	0	61	2	0	0	2	65	0	100	17	3	0	1	121	208
HOURLY TOTAL	2	79	18	3	1	0	103	1	219	11	2	0	11	244	5	339	76	13	4	6	443	790
17:00 - 17:15	0	21	0	1	0	0	22	1	65	4	1	0	3	74	0	100	14	1	1	0	116	212
17:15 - 17:30	0	26	3	0	0	0	29	1	58	8	2	0	3	72	1	111	13	1	1	0	127	228
17:30 - 17:45	1	20	5	0	0	0	26	0	54	4	3	0	4	65	2	97	12	1	1	1	114	205
17:45 - 18:00	0	29	7	2	0	0	38	0	62	4	2	0	1	69	1	83	15	1	1	0	101	208
HOURLY TOTAL	1	96	15	3	0	0	115	2	239	20	8	0	11	280	4	391	54	4	4	1	458	853
18:00 - 18:15	0	24	1	1	0	0	26	0	49	5	0	0	2	56	1	99	11	4	0	0	115	197
18:15 - 18:30	0	17	2	0	0	0	19	0	51	5	0	0	1	57	0	91	5	2	0	0	98	174
18:30 - 18:45	0	33	1	0	0	0	34	0	47	4	0	0	3	54	1	68	4	2	0	0	75	163
18:45 - 19:00	0	11	1	0	0	0	12	0	53	2	0	0	1	56	1	55	6	2	1	0	65	133
HOURLY TOTAL	0	85	5	1	0	0	91	0	200	16	0	0	7	223	3	313	26	10	1	0	353	667

PERIOD TOTAL	3	260	38	7	1	0	309	3	658	47	10	0	29	747	12	1043	156	27	9	7	1254	2310
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / UN-NAMED ROADS



ARM: A6195 DEARNE VALLEY PARKWAY (NORTH)

TIME / CLASS	LEFT TO EAST							STRAIGHT TO A6195 DEARNE VALLEY PARKWAY (SOUTH)							RIGHT TO WEST							TOTAL MOVEMENT FROM ARM	
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL		
7:00 - 7:15	0	0	0	0	0	0	0	0	144	21	1	4	0	170	0	0	0	0	0	0	0	0	170
7:15 - 7:30	0	0	0	0	0	0	0	0	161	23	5	4	0	193	0	0	0	0	0	0	0	0	193
7:30 - 7:45	0	1	0	0	0	0	1	2	196	29	5	7	0	239	0	1	0	0	0	0	0	1	241
7:45 - 8:00	0	0	0	0	0	0	0	1	217	33	3	9	0	263	0	0	0	0	0	0	0	0	263
HOURLY TOTAL	0	1	0	0	0	0	1	3	718	106	14	24	0	865	0	1	0	0	0	0	0	1	867
8:00 - 8:15	0	0	1	0	0	0	1	3	214	41	7	3	0	268	0	0	0	0	0	0	0	0	269
8:15 - 8:30	0	0	0	0	0	0	0	1	195	39	11	9	0	255	0	0	0	0	0	0	0	0	255
8:30 - 8:45	0	0	0	0	0	0	0	1	194	27	12	5	0	239	0	0	0	0	0	0	0	0	239
8:45 - 9:00	0	0	0	0	0	0	0	0	149	27	7	6	0	189	0	0	0	0	0	0	0	0	189
HOURLY TOTAL	0	0	1	0	0	0	1	5	752	134	37	23	0	951	0	0	0	0	0	0	0	0	952
9:00 - 9:15	0	0	0	0	0	0	0	0	134	29	9	10	0	182	0	0	0	0	0	0	0	0	182
9:15 - 9:30	0	0	0	0	0	0	0	1	126	15	9	2	0	153	0	0	0	0	0	0	0	0	153
9:30 - 9:45	0	0	0	0	0	0	0	1	142	13	9	2	1	168	0	0	0	0	0	0	0	0	168
9:45 - 10:00	0	0	0	0	0	0	0	0	115	25	11	2	1	154	0	0	0	0	0	0	0	0	154
HOURLY TOTAL	0	0	0	0	0	0	0	2	517	82	38	16	2	657	0	0	0	0	0	0	0	0	657
PERIOD TOTAL	0	1	1	0	0	0	2	10	1987	322	89	63	2	2473	0	1	0	0	0	0	0	1	2476
16:00 - 16:15	0	0	0	0	0	0	0	1	200	47	9	10	2	269	0	0	0	0	0	0	0	0	269
16:15 - 16:30	0	0	0	0	0	0	0	1	201	49	8	2	0	261	0	0	0	0	0	0	0	0	261
16:30 - 16:45	0	0	0	0	0	0	0	2	223	32	8	3	0	268	0	0	0	0	0	0	0	0	268
16:45 - 17:00	0	0	0	0	0	0	0	1	213	22	5	2	0	243	0	0	0	0	0	0	0	0	243
HOURLY TOTAL	0	0	0	0	0	0	0	5	837	150	30	17	2	1041	0	0	0	0	0	0	0	0	1041
17:00 - 17:15	0	0	0	0	0	0	0	2	167	15	4	5	0	193	0	0	0	0	0	0	0	0	193
17:15 - 17:30	0	0	0	0	0	0	0	2	215	15	5	4	0	241	0	0	0	0	0	0	0	0	241
17:30 - 17:45	0	0	0	0	0	0	0	1	172	11	3	3	1	191	0	0	0	0	0	0	0	0	191
17:45 - 18:00	0	0	0	0	0	0	0	2	156	14	2	1	0	175	0	0	0	0	0	0	0	0	175
HOURLY TOTAL	0	0	0	0	0	0	0	7	710	55	14	13	1	800	0	0	0	0	0	0	0	0	800
18:00 - 18:15	0	0	0	0	0	0	0	0	182	14	1	2	0	199	0	0	0	0	0	0	0	0	199
18:15 - 18:30	0	0	0	0	0	0	0	1	182	17	2	3	0	205	0	0	0	0	0	0	0	0	205
18:30 - 18:45	0	0	0	0	0	0	0	0	144	15	0	5	0	164	0	0	0	0	0	0	0	0	164
18:45 - 19:00	0	0	0	0	0	0	0	1	126	12	2	1	0	142	0	0	0	0	0	0	0	0	142
HOURLY TOTAL	0	0	0	0	0	0	0	2	634	58	5	11	0	710	0	0	0	0	0	0	0	0	710
PERIOD TOTAL	0	0	0	0	0	0	0	14	2181	263	49	41	3	2551	0	0	0	0	0	0	0	0	2551

Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / UN-NAMED ROADS



ARM: A6195 DEARNE VALLEY PARKWAY (SOUTH)

TIME / CLASS	LEFT TO WEST							STRAIGHT TO A6195 DEARNE VALLEY PARKWAY (NORTH)							RIGHT TO EAST							TOTAL MOVEMENT FROM ARM	
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL		
7:00 - 7:15	0	0	0	0	0	0	0	0	145	26	6	4	1	182	0	0	0	0	0	0	0	0	182
7:15 - 7:30	0	0	0	0	0	0	0	0	197	20	8	7	1	233	0	0	0	0	0	0	0	0	233
7:30 - 7:45	0	0	0	0	0	0	0	0	182	33	12	9	0	236	0	0	0	0	0	0	0	0	236
7:45 - 8:00	0	0	0	0	0	0	0	2	219	39	13	12	1	286	0	0	0	0	0	0	0	0	286
HOURLY TOTAL	0	0	0	0	0	0	0	2	743	118	39	32	3	937	0	0	0	0	0	0	0	0	937
8:00 - 8:15	0	0	0	0	0	0	0	1	179	39	15	4	0	238	0	0	0	0	0	0	0	0	238
8:15 - 8:30	0	0	0	0	0	0	0	1	191	39	15	5	2	253	0	0	0	0	0	0	0	0	253
8:30 - 8:45	0	0	0	0	0	0	0	2	219	29	18	10	0	278	0	0	0	0	0	0	0	0	278
8:45 - 9:00	0	0	0	0	0	0	0	1	159	32	12	6	0	210	0	0	0	0	0	0	0	0	210
HOURLY TOTAL	0	0	0	0	0	0	0	5	748	139	60	25	2	979	0	0	0	0	0	0	0	0	979
9:00 - 9:15	0	0	0	0	0	0	0	1	141	30	7	5	2	186	0	0	0	0	0	0	0	0	186
9:15 - 9:30	0	0	0	0	0	0	0	0	117	14	6	9	0	146	0	0	0	0	0	0	0	0	146
9:30 - 9:45	0	0	0	0	0	0	0	0	114	28	13	5	1	161	0	0	0	0	0	0	0	0	161
9:45 - 10:00	0	0	0	0	0	0	0	1	101	24	10	3	0	139	0	0	0	0	0	0	0	0	139
HOURLY TOTAL	0	0	0	0	0	0	0	2	473	96	36	22	3	632	0	0	0	0	0	0	0	0	632
PERIOD TOTAL	0	0	0	0	0	0	0	9	1964	353	135	79	8	2548	0	0	0	0	0	0	0	0	2548
16:00 - 16:15	0	0	0	0	0	0	0	5	185	54	11	4	0	259	0	0	0	0	0	0	0	0	259
16:15 - 16:30	0	0	0	0	0	0	0	2	221	44	5	3	1	276	0	0	0	0	0	0	0	0	276
16:30 - 16:45	0	0	0	0	0	0	0	6	225	56	2	4	0	293	0	0	0	0	0	0	0	0	293
16:45 - 17:00	0	0	0	0	0	0	0	1	224	57	6	2	0	290	0	0	0	0	0	0	0	0	290
HOURLY TOTAL	0	0	0	0	0	0	0	14	855	211	24	13	1	1118	0	0	0	0	0	0	0	0	1118
17:00 - 17:15	0	0	0	0	0	0	0	3	230	60	5	3	1	302	0	0	0	0	0	0	0	0	302
17:15 - 17:30	0	0	0	0	0	0	0	1	243	43	8	5	0	300	0	0	0	0	0	0	0	0	300
17:30 - 17:45	0	0	0	0	0	0	0	3	262	49	2	5	0	321	0	0	0	0	0	0	0	0	321
17:45 - 18:00	0	0	0	0	0	0	0	2	270	39	5	2	0	318	0	0	0	0	0	0	0	0	318
HOURLY TOTAL	0	0	0	0	0	0	0	9	1005	191	20	15	1	1241	0	0	0	0	0	0	0	0	1241
18:00 - 18:15	0	0	0	0	0	0	0	1	217	21	5	5	0	249	0	0	0	0	0	0	0	0	249
18:15 - 18:30	0	0	0	0	0	0	0	2	216	23	1	1	0	243	0	0	0	0	0	0	0	0	243
18:30 - 18:45	0	0	0	0	0	0	0	2	193	12	3	1	0	211	0	0	0	0	0	0	0	0	211
18:45 - 19:00	0	0	0	0	0	0	0	0	146	11	1	2	0	160	0	0	0	0	0	0	0	0	160
HOURLY TOTAL	0	0	0	0	0	0	0	5	772	67	10	9	0	863	0	0	0	0	0	0	0	0	863
PERIOD TOTAL	0	0	0	0	0	0	0	28	2632	469	54	37	2	3222	0	0	0	0	0	0	0	0	3222

Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / SHORTWOOD WAY

ARM: A6195 DEARNE VALLEY PARKWAY (SOUTH)



TIME / CLASS	LEFT TO SHORTWOOD WAY							STRAIGHT TO A6195 DEARNE VALLEY PARKWAY (NORTH)							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	8	7	0	0	0	15	0	141	18	6	4	1	170	185
7:15 - 7:30	0	10	7	0	0	0	17	0	187	13	9	7	1	217	234
7:30 - 7:45	0	9	4	2	1	0	16	0	173	29	12	8	0	222	238
7:45 - 8:00	0	14	3	2	1	0	20	2	209	37	12	11	1	272	292
HOURLY TOTAL	0	41	21	4	2	0	68	2	710	97	39	30	3	881	949
8:00 - 8:15	0	16	6	1	0	0	23	1	165	34	15	4	0	219	242
8:15 - 8:30	0	10	6	2	0	0	18	1	179	32	11	6	2	231	249
8:30 - 8:45	0	20	2	1	0	0	23	2	201	28	17	9	0	257	280
8:45 - 9:00	1	26	4	3	1	0	35	0	135	28	8	5	0	176	211
HOURLY TOTAL	1	72	18	7	1	0	99	4	680	122	51	24	2	883	982
9:00 - 9:15	0	12	5	0	0	0	17	0	133	24	7	5	2	171	188
9:15 - 9:30	0	5	0	3	0	0	8	1	114	14	3	9	0	141	149
9:30 - 9:45	0	6	1	2	0	0	9	0	109	26	11	5	1	152	161
9:45 - 10:00	0	3	4	1	0	0	8	1	97	20	9	3	0	130	138
HOURLY TOTAL	0	26	10	6	0	0	42	2	453	84	30	22	3	594	636

PERIOD TOTAL	1	139	49	17	3	0	209	8	1843	303	120	76	8	2358	2567
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16:00 - 16:15	0	1	3	0	0	0	4	5	186	51	11	4	0	257	261
16:15 - 16:30	0	6	1	1	0	0	8	2	212	42	4	3	0	263	271
16:30 - 16:45	0	3	1	0	0	0	4	4	228	54	2	4	1	293	297
16:45 - 17:00	0	3	2	0	0	0	5	2	228	56	6	2	0	294	299
HOURLY TOTAL	0	13	7	1	0	0	21	13	854	203	23	13	1	1107	1128
17:00 - 17:15	0	4	0	0	0	0	4	2	231	62	4	3	1	303	307
17:15 - 17:30	0	3	0	0	0	0	3	1	244	44	8	5	0	302	305
17:30 - 17:45	0	4	0	0	0	0	4	2	252	50	3	5	0	312	316
17:45 - 18:00	0	1	0	0	0	0	1	2	263	40	5	2	0	312	313
HOURLY TOTAL	0	12	0	0	0	0	12	7	990	196	20	15	1	1229	1241
18:00 - 18:15	0	0	1	0	0	0	1	1	213	20	4	4	0	242	243
18:15 - 18:30	0	1	0	0	0	0	1	2	220	23	2	2	0	249	250
18:30 - 18:45	0	3	0	0	0	0	3	2	189	12	3	1	0	207	210
18:45 - 19:00	0	1	0	0	0	0	1	0	144	11	1	2	0	158	159
HOURLY TOTAL	0	5	1	0	0	0	6	5	766	66	10	9	0	856	862

PERIOD TOTAL	0	30	8	1	0	0	39	25	2610	465	53	37	2	3192	3231
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / SHORTWOOD WAY

ARM: SHORTWOOD WAY



TIME / CLASS	LEFT TO A6195 DEARNE VALLEY PARKWAY (NORTH)							RIGHT TO A6195 DEARNE VALLEY PARKWAY (SOUTH)							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	0	1	0	0	0	1	0	6	1	1	0	0	8	9
7:15 - 7:30	0	1	1	0	0	0	2	0	2	5	0	1	0	8	10
7:30 - 7:45	0	0	1	0	0	0	1	0	4	6	1	0	0	11	12
7:45 - 8:00	0	2	0	0	0	0	2	0	2	5	2	1	0	10	12
HOURLY TOTAL	0	3	3	0	0	0	6	0	14	17	4	2	0	37	43
8:00 - 8:15	0	3	0	2	0	0	5	0	6	2	1	0	0	9	14
8:15 - 8:30	0	3	2	1	0	0	6	0	1	1	0	0	0	2	8
8:30 - 8:45	0	3	2	0	0	0	5	0	1	2	3	0	0	6	11
8:45 - 9:00	0	2	1	0	0	0	3	0	3	3	0	0	0	6	9
HOURLY TOTAL	0	11	5	3	0	0	19	0	11	8	4	0	0	23	42
9:00 - 9:15	0	3	2	0	0	0	5	0	4	2	1	0	0	7	12
9:15 - 9:30	0	0	4	1	0	0	5	0	4	2	1	0	0	7	12
9:30 - 9:45	0	0	1	2	0	0	3	0	2	4	1	0	0	7	10
9:45 - 10:00	0	4	2	1	1	0	8	0	4	5	1	0	0	10	18
HOURLY TOTAL	0	7	9	4	1	0	21	0	14	13	4	0	0	31	52

PERIOD TOTAL	0	21	17	7	1	0	46	0	39	38	12	2	0	91	137
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16:00 - 16:15	0	2	3	0	0	0	5	1	10	6	1	0	0	18	23
16:15 - 16:30	0	3	1	1	0	0	5	0	8	9	1	0	0	18	23
16:30 - 16:45	0	5	3	0	0	0	8	0	9	4	0	0	0	13	21
16:45 - 17:00	0	6	0	0	0	0	6	0	13	3	0	0	0	16	22
HOURLY TOTAL	0	16	7	1	0	0	24	1	40	22	2	0	0	65	89
17:00 - 17:15	0	22	3	0	0	0	25	1	41	2	0	0	0	44	69
17:15 - 17:30	0	5	0	0	0	0	5	0	8	0	1	0	0	9	14
17:30 - 17:45	0	9	0	0	0	0	9	0	10	0	0	0	0	10	19
17:45 - 18:00	0	2	1	0	0	0	3	1	5	0	0	0	0	6	9
HOURLY TOTAL	0	38	4	0	0	0	42	2	64	2	1	0	0	69	111
18:00 - 18:15	0	3	1	0	0	0	4	0	8	2	0	0	0	10	14
18:15 - 18:30	0	1	0	0	0	0	1	1	3	0	0	0	0	4	5
18:30 - 18:45	0	0	0	0	0	0	0	0	5	1	0	0	0	6	6
18:45 - 19:00	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
HOURLY TOTAL	0	4	1	0	0	0	5	1	19	3	0	0	0	23	28

PERIOD TOTAL	0	58	12	1	0	0	71	4	123	27	3	0	0	157	228
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Classified Turning Counts, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / SHORTWOOD WAY

ARM: A6195 DEARNE VALLEY PARKWAY (NORTH)



TIME / CLASS	STRAIGHT TO A6195 DEARNE VALLEY PARKWAY (SOUTH)							RIGHT TO SHORTWOOD WAY							TOTAL MOVEMENT FROM ARM
	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	MOTOR CYCLE	CAR TAXI	LGV	OGV1	OGV2	BUS COACH	TOTAL	
7:00 - 7:15	0	137	19	1	4	0	161	0	2	2	0	0	0	4	165
7:15 - 7:30	0	158	18	4	3	0	183	0	1	4	0	0	0	5	188
7:30 - 7:45	2	195	23	4	7	0	231	0	4	2	0	0	0	6	237
7:45 - 8:00	1	211	28	2	8	0	250	0	8	2	1	1	0	12	262
HOURLY TOTAL	3	701	88	11	22	0	825	0	15	10	1	1	0	27	852
8:00 - 8:15	2	206	40	7	3	0	258	0	3	1	1	0	0	5	263
8:15 - 8:30	1	194	39	11	8	0	253	0	11	3	1	0	0	15	268
8:30 - 8:45	1	199	26	9	5	0	240	0	7	2	0	0	0	9	249
8:45 - 9:00	0	146	23	8	7	0	184	0	14	2	0	0	0	16	200
HOURLY TOTAL	4	745	128	35	23	0	935	0	35	8	2	0	0	45	980
9:00 - 9:15	0	130	26	8	10	0	174	0	0	3	0	0	0	3	177
9:15 - 9:30	1	120	13	8	2	1	145	0	4	1	0	0	0	5	150
9:30 - 9:45	1	140	9	8	2	0	160	0	1	1	0	0	0	2	162
9:45 - 10:00	0	114	20	10	2	1	147	0	5	4	0	0	0	9	156
HOURLY TOTAL	2	504	68	34	16	2	626	0	10	9	0	0	0	19	645

PERIOD TOTAL	9	1950	284	80	61	2	2386	0	60	27	3	1	0	91	2477
---------------------	----------	-------------	------------	-----------	-----------	----------	-------------	----------	-----------	-----------	----------	----------	----------	-----------	-------------

16:00 - 16:15	1	185	41	8	9	2	246	0	1	0	0	0	0	1	247
16:15 - 16:30	1	197	39	7	4	0	248	0	1	0	0	0	0	1	249
16:30 - 16:45	2	212	27	8	3	0	252	0	3	0	0	0	1	4	256
16:45 - 17:00	1	200	19	5	1	0	226	0	3	1	0	0	0	4	230
HOURLY TOTAL	5	794	126	28	17	2	972	0	8	1	0	0	1	10	982
17:00 - 17:15	1	121	15	5	5	0	147	0	1	0	1	0	0	2	149
17:15 - 17:30	2	203	19	3	3	1	231	0	1	0	0	0	0	1	232
17:30 - 17:45	1	166	11	3	3	0	184	0	5	0	0	0	0	5	189
17:45 - 18:00	1	151	14	2	2	0	170	0	1	0	0	0	0	1	171
HOURLY TOTAL	5	641	59	13	13	1	732	0	8	0	1	0	0	9	741
18:00 - 18:15	0	172	12	1	2	0	187	0	1	1	0	0	0	2	189
18:15 - 18:30	0	176	16	2	3	0	197	0	1	0	0	0	0	1	198
18:30 - 18:45	0	138	14	0	5	0	157	0	0	0	0	0	0	0	157
18:45 - 19:00	1	121	12	2	1	0	137	0	1	0	0	0	0	1	138
HOURLY TOTAL	1	607	54	5	11	0	678	0	3	1	0	0	0	4	682

PERIOD TOTAL	11	2042	239	46	41	3	2382	0	19	2	1	0	1	23	2405
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Queue Lengths, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



Max Queue in 5min Intervals	ARM: A6195 DEARNE VALLEY PARKWAY						A6135 Sheffield Road (E)						A61 (SOUTH)									A61 Sheffield Road (WEST)					
	LANE 1			LANE 2			LANE 1			LANE 2			LANE 1			LANE 2			LANE 3			LANE 1			LANE 2		
	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)	LIGHTS	HEAVIE S	QUEUE LENGT H (M)
7:00	3	0	17	0	0	0	2	0	11	3	0	17	2	0	11	1	0	6	0	0	0	3	0	17	7	0	39
7:05	2	0	11	0	0	0	1	0	6	2	0	11	1	0	6	0	0	0	1	0	6	2	1	26	4	0	22
7:10	4	0	22	1	0	6	4	0	22	1	0	6	1	0	6	2	0	11	1	0	6	2	0	11	9	0	50
7:15	4	0	22	1	0	6	4	0	22	2	0	11	3	0	17	2	0	11	0	0	0	4	0	22	9	0	50
7:20	2	0	11	2	0	11	2	0	11	2	0	11	5	0	28	1	0	6	0	0	0	5	0	28	12	0	66
7:25	7	0	39	1	0	6	3	0	17	2	0	11	4	0	22	1	0	6	1	0	6	5	1	43	11	0	61
7:30	5	0	28	2	0	11	9	0	50	2	0	11	4	0	22	2	0	11	0	0	0	4	0	22	19	0	105
7:35	4	0	22	2	0	11	11	0	61	1	0	6	2	0	11	3	0	17	1	0	6	5	0	28	24	1	147
7:40	7	0	39	1	0	6	19	0	105	4	0	22	2	0	11	2	0	11	1	0	6	4	0	22	26	1	158
7:45	9	0	50	4	0	22	15	1	98	4	0	22	3	0	17	2	0	11	2	0	11	7	0	39	24	1	147
7:50	12	1	81	5	0	28	12	0	66	2	0	11	3	0	17	1	0	6	2	0	11	4	0	22	49	0	270
7:55	5	0	28	2	0	11	11	0	61	2	0	11	5	1	43	1	0	6	2	0	11	4	0	22	44	1	257
8:00	4	1	37	4	0	22	24	0	132	5	0	28	3	1	32	2	0	11	1	0	6	4	0	22	45	0	248
8:05	5	1	43	5	0	28	26	1	158	4	0	22	3	0	17	2	0	11	1	0	6	5	0	28	59	1	340
8:10	7	1	54	4	0	22	29	1	175	2	0	11	4	0	22	2	0	11	1	0	6	2	0	11	51	1	296
8:15	15	0	83	4	0	22	24	1	147	2	0	11	5	0	28	2	0	11	1	0	6	4	0	22	54	1	312
8:20	15	0	83	1	0	6	21	1	131	3	0	17	4	1	37	3	0	17	2	0	11	4	0	22	59	0	325
8:25	11	1	76	2	0	11	15	0	83	2	0	11	2	0	11	2	0	11	0	0	0	4	0	22	51	0	281
8:30	9	1	65	2	0	11	15	0	83	2	0	11	1	0	6	1	0	6	2	0	11	5	0	28	44	1	257
8:35	7	1	54	3	0	17	19	1	120	1	0	6	3	0	17	2	0	11	2	0	11	4	0	22	26	0	143
8:40	5	0	28	4	0	22	21	0	116	2	0	11	3	0	17	2	0	11	1	0	6	4	0	22	15	0	83
8:45	9	1	65	5	0	28	15	1	98	3	0	17	2	1	26	2	0	11	1	0	6	12	1	81	4	0	22
8:50	7	0	39	4	0	22	11	0	61	2	0	11	4	0	22	2	0	11	1	0	6	4	0	22	15	0	83
8:55	5	0	28	4	0	22	7	0	39	4	0	22	3	0	17	2	0	11	1	0	6	7	0	39	4	0	22
9:00	5	0	28	2	0	11	9	0	50	1	0	6	2	0	11	0	0	0	1	0	6	4	0	22	9	0	50
9:05	4	0	22	2	0	11	5	0	28	2	0	11	2	0	11	2	0	11	1	0	6	2	0	11	4	0	22
9:10	2	0	11	3	0	17	5	0	28	2	0	11	1	0	6	1	0	6	1	0	6	5	0	28	5	0	28
9:15	3	0	17	3	0	17	4	0	22	3	0	17	1	0	6	1	0	6	0	0	0	4	0	22	3	0	17
9:20	5	0	28	2	0	11	5	0	28	2	0	11	2	0	11	1	0	6	0	0	0	3	0	17	3	0	17
9:25	4	0	22	2	0	11	4	0	22	2	0	11	2	0	11	1	0	6	1	0	6	4	0	22	2	0	11
9:30	2	0	11	2	0	11	2	0	11	2	0	11	2	0	11	0	0	0	1	0	6	4	0	22	1	0	6
9:35	2	0	11	0	0	0	5	0	28	1	0	6	1	0	6	0	0	0	1	0	6	5	0	28	4	0	22
9:40	3	0	17	2	0	11	7	0	39	2	0	11	0	0	0	1	0	6	1	0	6	5	0	28	4	0	22
9:45	2	0	11	0	0	0	5	0	28	3	0	17	1	0	6	1	0	6	1	0	6	4	0	22	2	0	11
9:50	4	0	22	1	0	6	5	0	28	2	0	11	1	0	6	1	0	6	1	0	6	2	0	11	3	0	17
9:55	4	0	22	1	0	6	4	0	22	1	0	6	1	0	6	1	0	6	0	0	0	2	0	11	2	0	11

Queue Lengths, Barnsley

DATE: TUESDAY 10th JULY 2014

LOCATION: A6195 DEARNE VALLEY PARKWAY / A6135 / A61



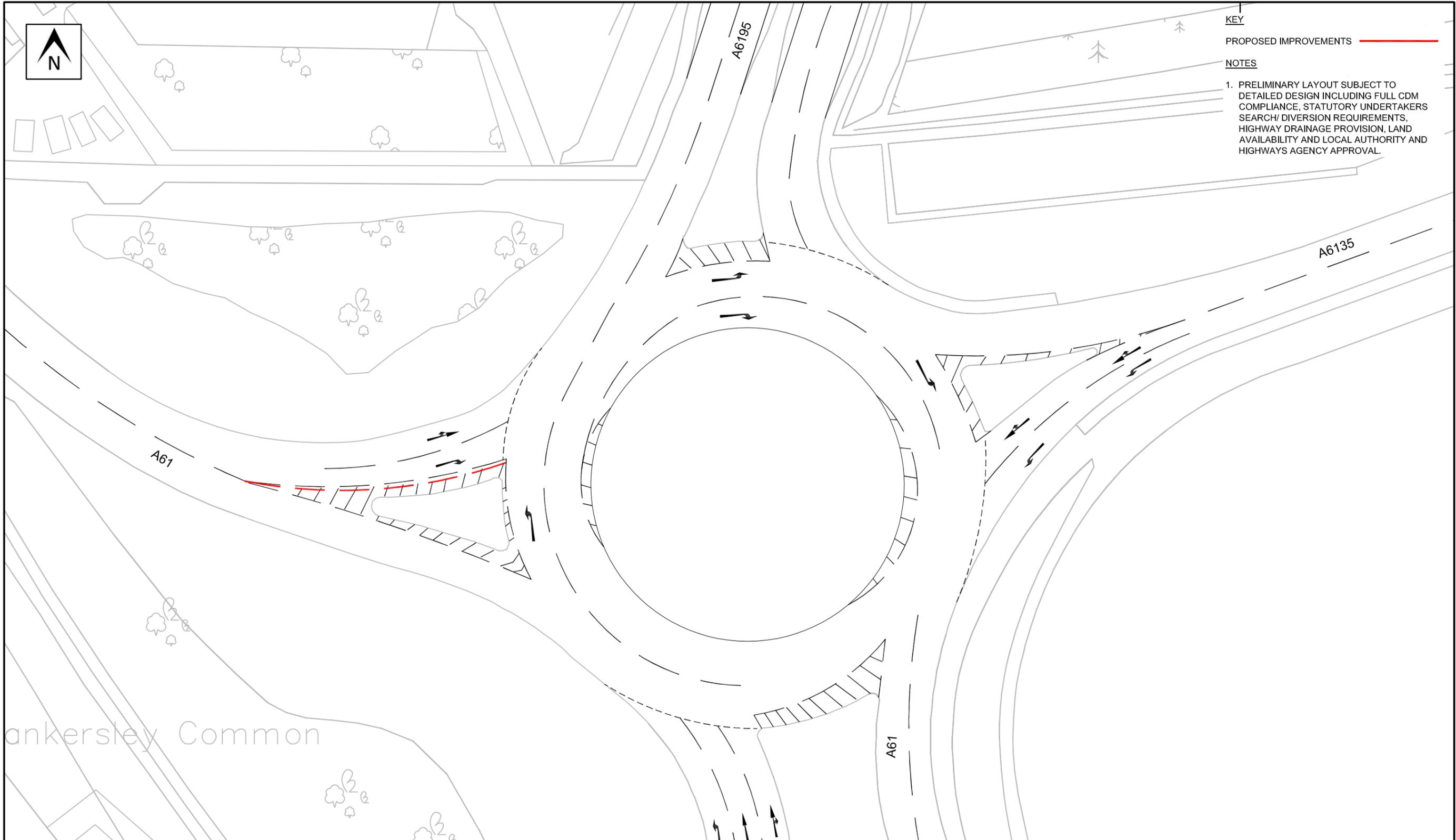
ARM:	A6195 DEARNE VALLEY PARKWAY						A6135 Sheffield Road (E)						A61 (SOUTH)									A61 Sheffield Road (WEST)					
	LANE 1			LANE 2			LANE 1			LANE 2			LANE 1			LANE 2			LANE 3			LANE 1			LANE 2		
	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)	LIGHTS	HEAVIE S	QUEUE LENGTH H (M)
16:00	7	0	39	4	0	22	4	0	22	2	0	11	3	0	17	2	0	11	2	0	11	4	0	22	7	0	39
16:05	12	0	66	4	0	22	4	0	22	1	0	6	2	1	26	2	0	11	2	0	11	5	0	28	5	0	28
16:10	9	0	50	2	0	11	5	0	28	1	0	6	4	1	37	2	0	11	0	0	0	9	0	28	5	0	28
16:15	9	0	50	2	0	11	9	0	50	1	0	6	4	1	37	3	0	17	0	0	0	9	0	50	4	0	22
16:20	4	0	22	2	0	11	7	0	39	3	0	17	4	1	37	3	0	17	2	0	11	4	0	22	5	0	28
16:25	9	0	50	3	0	17	5	0	28	3	0	17	2	0	11	4	0	22	2	0	11	5	0	28	7	0	39
16:30	6	0	33	2	0	11	11	0	61	3	0	17	2	0	11	4	0	22	2	0	11	5	0	28	9	0	50
16:35	7	0	39	9	0	50	5	1	43	2	0	11	5	1	43	2	0	11	2	0	11	4	0	22	9	0	50
16:40	11	0	61	11	0	61	7	0	39	4	0	22	4	1	37	2	0	11	0	0	0	4	0	22	15	0	83
16:45	15	1	98	12	0	66	4	0	22	1	0	6	7	0	39	2	0	11	1	0	6	4	0	22	11	0	61
16:50	19	0	105	5	0	28	5	0	28	2	0	11	4	1	37	1	0	6	1	0	6	5	1	43	1	0	6
16:55	24	1	147	7	0	39	9	0	50	2	0	11	6	1	48	2	0	11	2	0	11	4	0	22	9	0	50
17:00	21	2	146	15	0	83	12	0	66	2	0	11	7	0	39	2	0	11	2	0	11	7	0	39	19	0	105
17:05	12	2	96	11	0	61	15	0	83	3	0	17	7	0	39	3	0	17	2	0	11	5	0	28	15	1	98
17:10	19	1	120	15	0	83	11	0	61	3	0	17	4	1	37	3	0	17	1	0	6	4	0	22	15	1	98
17:15	24	1	147	11	0	61	5	0	28	2	0	11	5	1	43	2	0	11	1	0	6	2	1	26	9	0	50
17:20	11	1	76	9	0	50	7	0	39	4	0	22	4	1	37	2	0	11	1	0	6	4	0	22	11	0	61
17:25	21	0	116	9	0	50	5	1	43	1	0	6	2	1	26	4	0	22	2	0	11	4	0	22	12	0	66
17:30	11	1	76	7	0	39	9	0	50	2	0	11	9	0	50	4	0	22	0	0	0	5	0	28	5	0	28
17:35	9	0	50	5	0	28	11	0	61	2	0	11	7	1	54	2	0	11	2	0	11	14	0	77	4	0	22
17:40	17	0	94	7	0	39	5	0	28	3	0	17	5	1	43	2	0	11	2	0	11	7	0	39	11	0	61
17:45	9	0	50	11	0	61	7	1	54	2	0	11	5	1	43	2	0	11	2	0	11	4	1	37	7	0	39
17:50	11	0	61	5	0	28	4	0	22	1	0	6	4	1	37	2	0	11	1	0	6	4	1	37	4	0	22
17:55	12	0	66	9	0	50	5	0	28	0	0	0	2	1	26	1	0	6	1	0	6	9	0	50	5	0	28
18:00	9	0	50	4	0	22	5	0	28	2	0	11	3	0	17	3	0	17	1	0	6	4	0	22	7	0	39
18:05	7	0	39	2	0	11	9	0	50	2	0	11	2	1	26	2	0	11	2	0	11	5	0	28	5	0	28
18:10	5	0	28	0	0	0	7	0	39	2	0	11	2	1	26	2	0	11	2	0	11	4	0	22	5	0	28
18:15	4	0	22	2	0	11	5	0	28	3	0	17	1	0	6	2	0	11	0	0	0	4	0	22	4	0	22
18:20	5	0	28	2	0	11	5	0	28	2	0	11	4	0	22	1	0	6	1	0	6	5	0	28	4	0	22
18:25	7	0	39	2	0	11	4	0	22	1	0	6	4	0	22	1	0	6	1	0	6	5	0	28	2	0	11
18:30	4	0	22	1	0	6	7	0	39	2	0	11	1	0	6	1	0	6	1	0	6	3	0	17	3	0	17
18:35	5	0	28	1	0	6	5	0	28	2	0	11	2	0	11	0	0	0	0	0	0	3	0	17	5	0	28
18:40	2	0	11	0	0	0	4	0	22	0	0	0	2	0	11	0	0	0	1	0	6	2	0	11	7	0	39
18:45	5	0	28	1	0	6	5	0	28	2	0	11	3	0	17	2	0	11	1	0	6	4	0	22	4	0	22
18:50	5	0	28	1	0	6	3	0	17	3	0	17	2	0	11	2	0	11	0	0	0	4	0	22	5	0	28
18:55	4	0	22	0	0	0	2	0	11	2	0	11	2	0	11	2	0	11	0	0	0	5	0	28	5	0	28

Appendix M Birdwell Roundabout Improvements





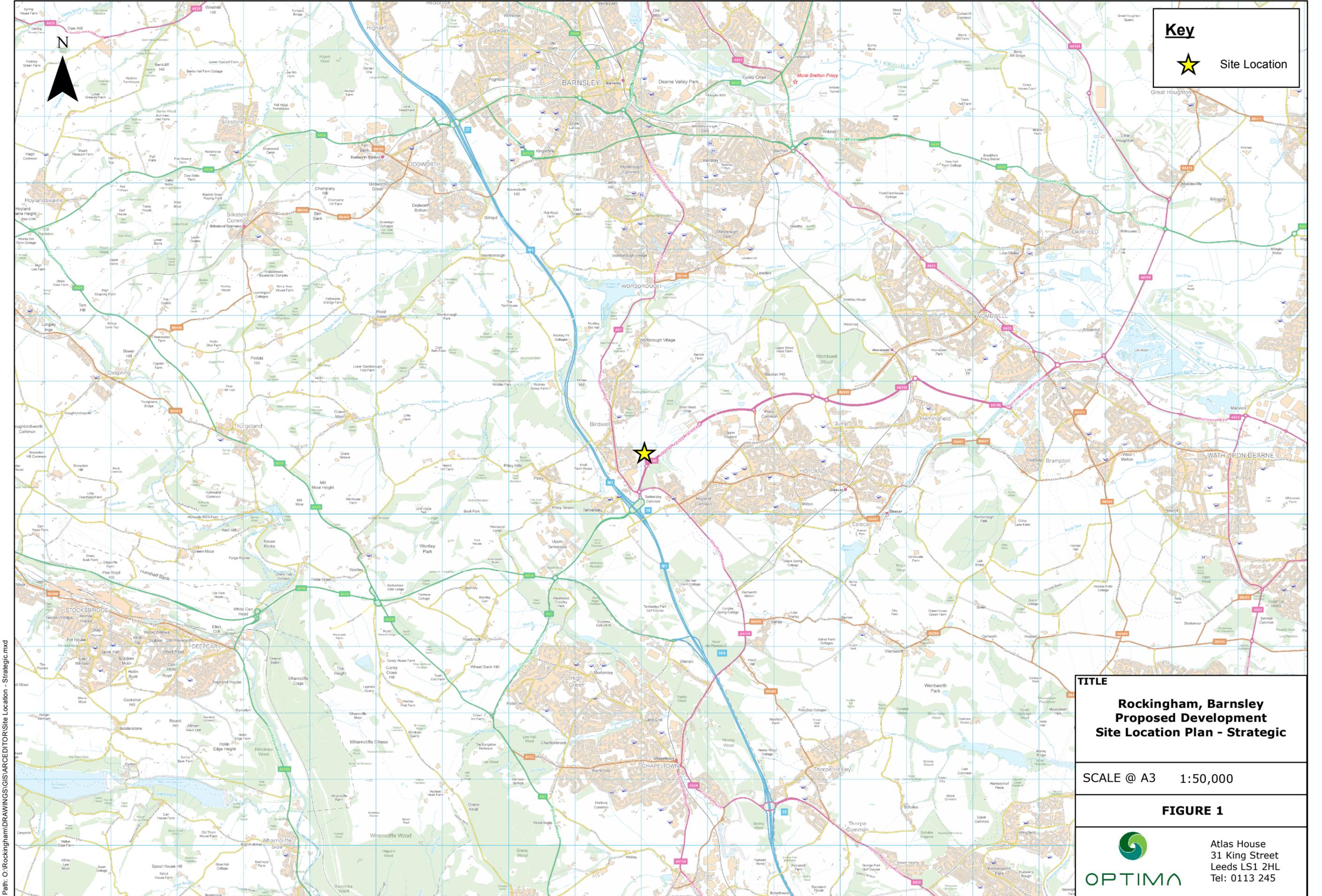
- KEY**
 PROPOSED IMPROVEMENTS ———
- NOTES**
 1. PRELIMINARY LAYOUT SUBJECT TO DETAILED DESIGN INCLUDING FULL CDM COMPLIANCE, STATUTORY UNDERTAKERS SEARCH/ DIVERSION REQUIREMENTS, HIGHWAY DRAINAGE PROVISION, LAND AVAILABILITY AND LOCAL AUTHORITY AND HIGHWAYS AGENCY APPROVAL.



ankersley Common

PROJECT						CLIENT			
ROCKINGHAM PHASE 1						HARWORTH ESTATES			
DRAWING TITLE						CHECKED	APPROVED	DRG No.	
BIRDWELL ROUNDABOUT PROPOSED IMPROVEMENTS						RAM	RAM	14001/GA01	
STATUS						DRAWN BY:	SCALE @ A3	DATE	REV.
PRELIMINARY						TP	1:500	01/09/14	A
A	01/09/14	TP	INITIAL ISSUE	RAM	RAM				
REV	DATE	BY	DESCRIPTION	CHK	APP				

Intelligent Highways Solutions
 Atlas House, 31 King Street, Leeds, LS1 2HL
 T 0113 245 1679 F 0113 245 9042



Key

★ Site Location

TITLE

**Rockingham, Barnsley
Proposed Development
Site Location Plan - Strategic**

SCALE @ A3 1:50,000

FIGURE 1



Atlas House
31 King Street
Leeds LS1 2HL
Tel: 0113 245

Path: C:\Rockingham\DRAWINGS\GIS\ARCEDITOR\Site Location - Strategic.mxd



Key

★ Site Location

TITLE

**Rockingham, Barnsley
Proposed Development
Site Location Plan - Local**

SCALE @ A3 1:15,000

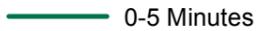
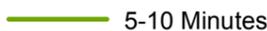
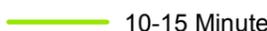
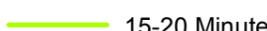
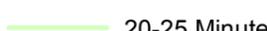
FIGURE 2



Atlas House
31 King Street
Leeds LS1 2HL
Tel: 0113 245



Key

-  Site Location
- Pedestrian Accessibility (Walking Speed 4.8kph)**
-  0-5 Minutes
-  5-10 Minutes
-  10-15 Minutes
-  15-20 Minutes
-  20-25 Minutes
-  Bus Stop

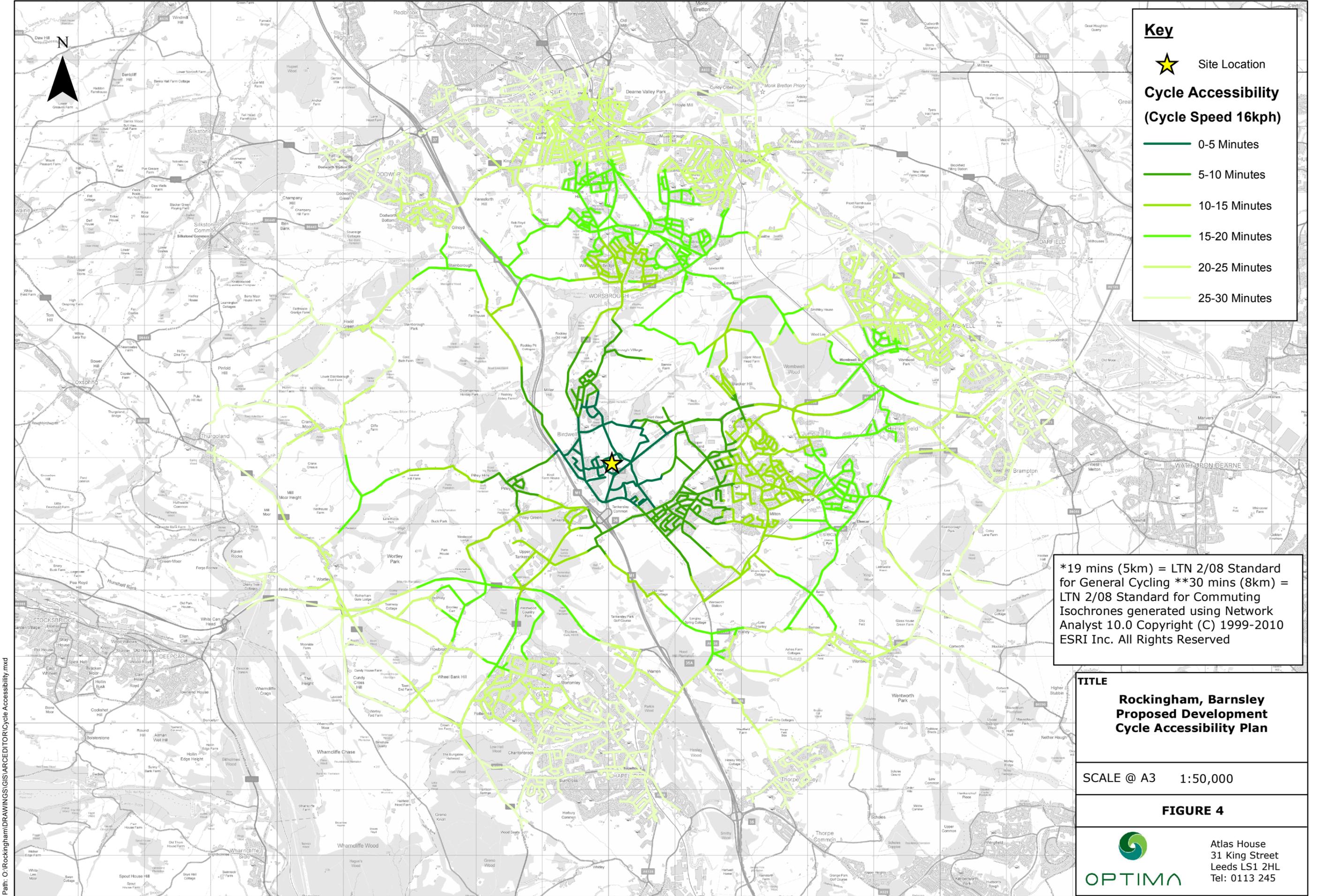
*25 mins (2km) = IHT Standard in 'Providing for Journeys on Foot' Isochrones generated using Network Analyst 10.0 Copyright (C) 1999-2010 ESRI Inc. All Rights Reserved

TITLE
**Rockingham, Barnsley
 Proposed Development
 Pedestrian Accessibility Plan**

SCALE @ A3 1:12,000

FIGURE 3

 Atlas House
 31 King Street
 Leeds LS1 2HL
 Tel: 0113 245



Key

- ★ Site Location

Cycle Accessibility (Cycle Speed 16kph)

- 0-5 Minutes
- 5-10 Minutes
- 10-15 Minutes
- 15-20 Minutes
- 20-25 Minutes
- 25-30 Minutes

*19 mins (5km) = LTN 2/08 Standard for General Cycling **30 mins (8km) = LTN 2/08 Standard for Commuting
 Isochrones generated using Network Analyst 10.0 Copyright (C) 1999-2010 ESRI Inc. All Rights Reserved

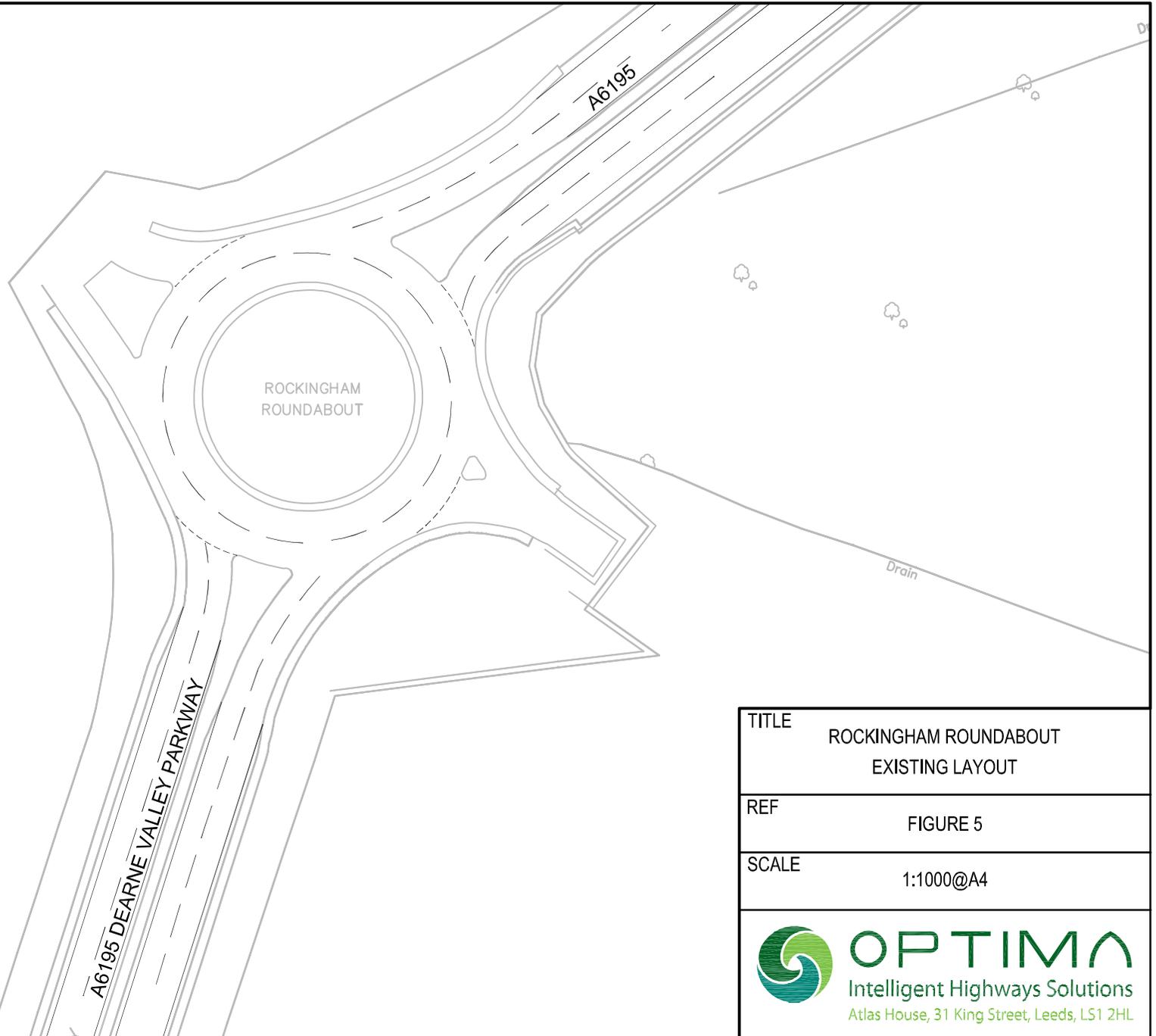
TITLE
**Rockingham, Barnsley
 Proposed Development
 Cycle Accessibility Plan**

SCALE @ A3 1:50,000

FIGURE 4

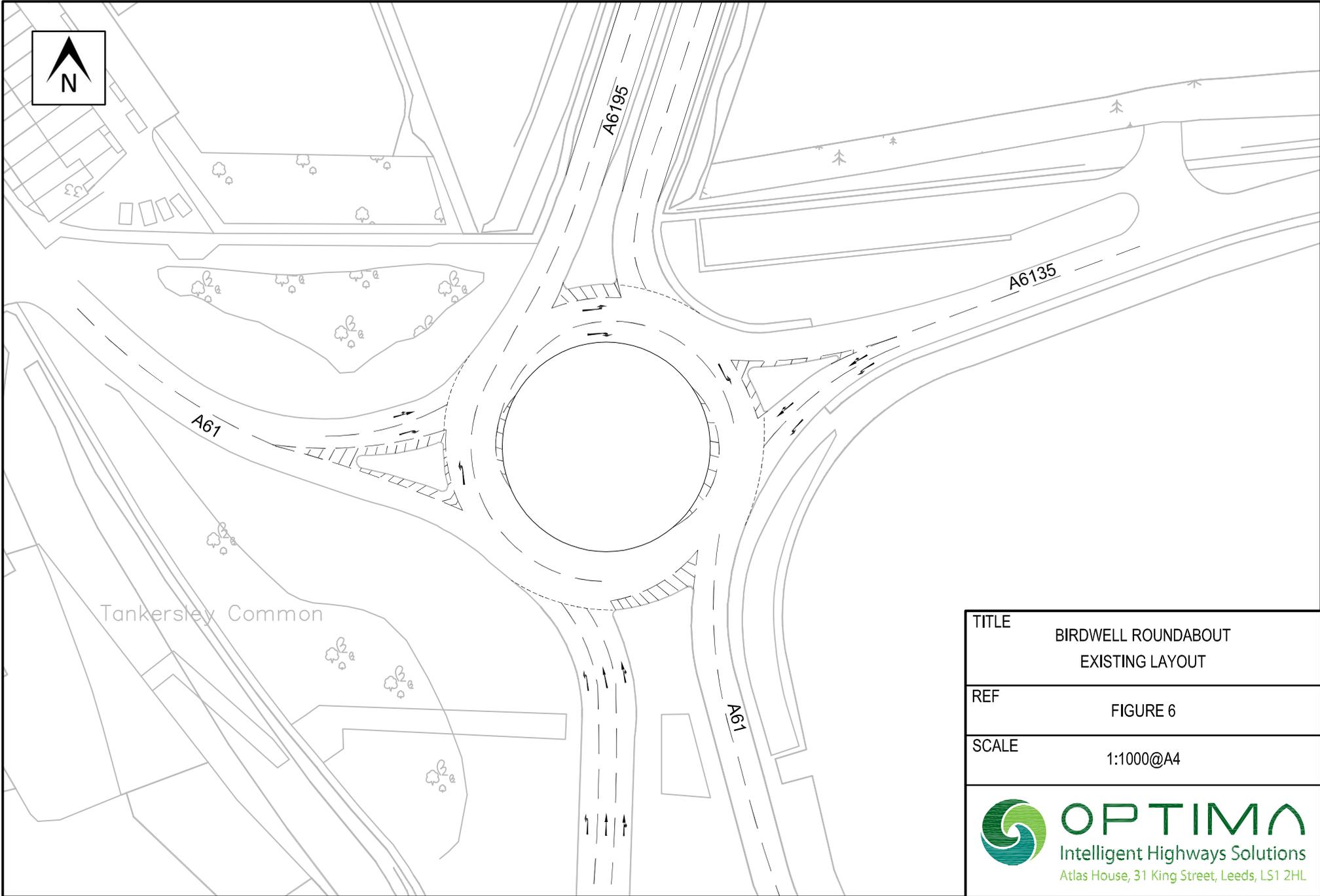


Atlas House
 31 King Street
 Leeds LS1 2HL
 Tel: 0113 245

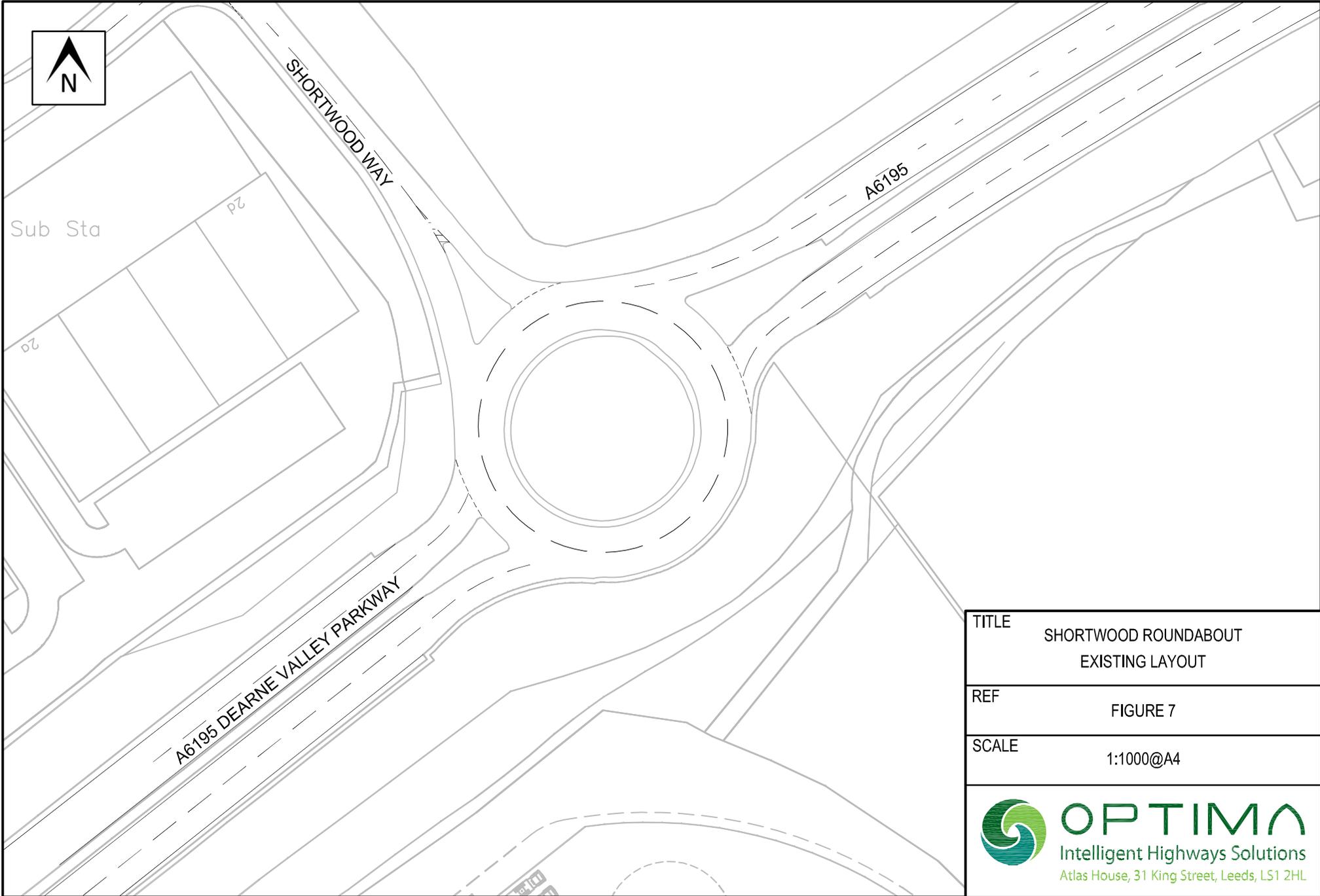


TITLE	ROCKINGHAM ROUNDABOUT EXISTING LAYOUT
REF	FIGURE 5
SCALE	1:1000@A4





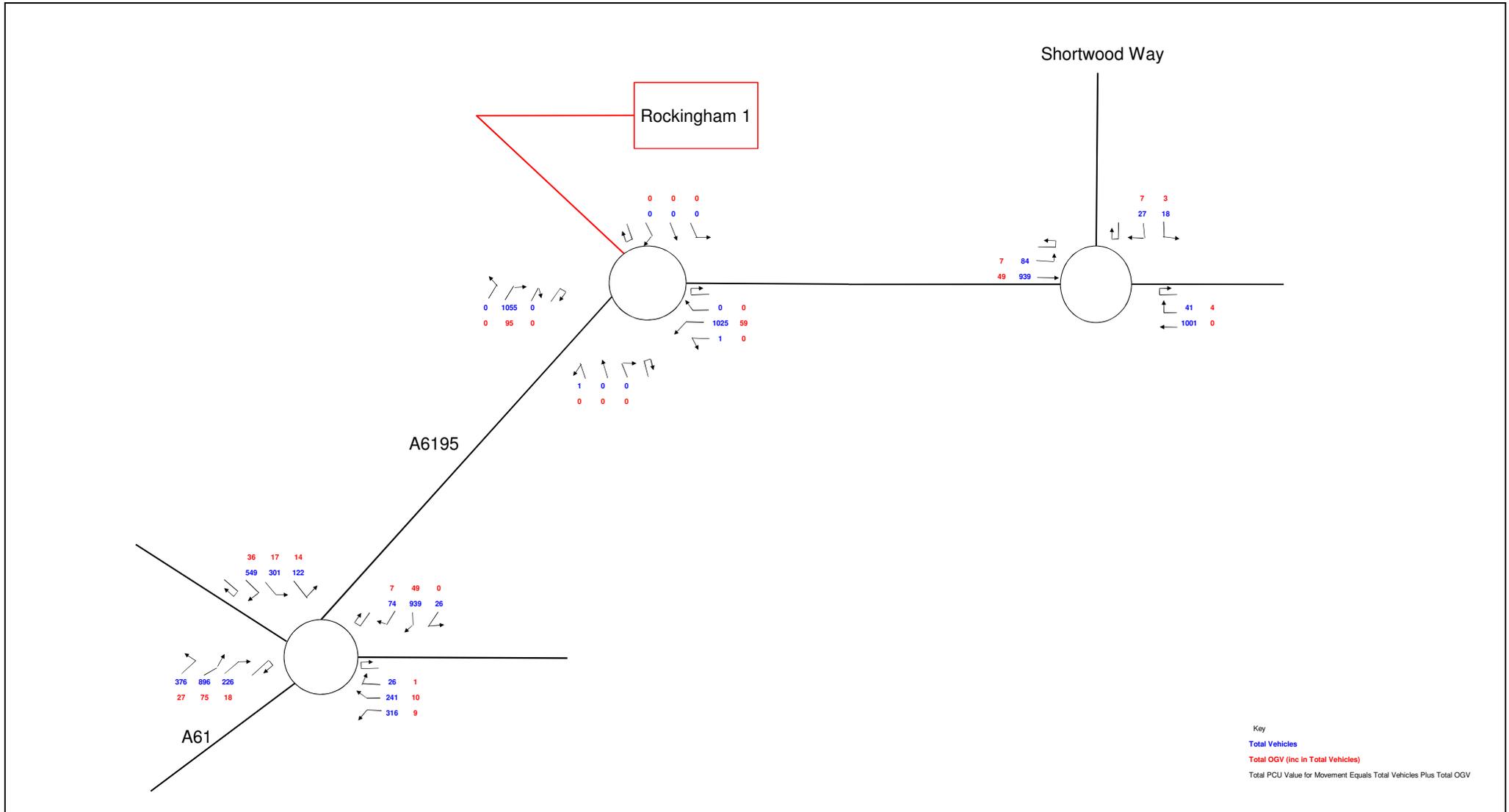
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REF	FIGURE 6
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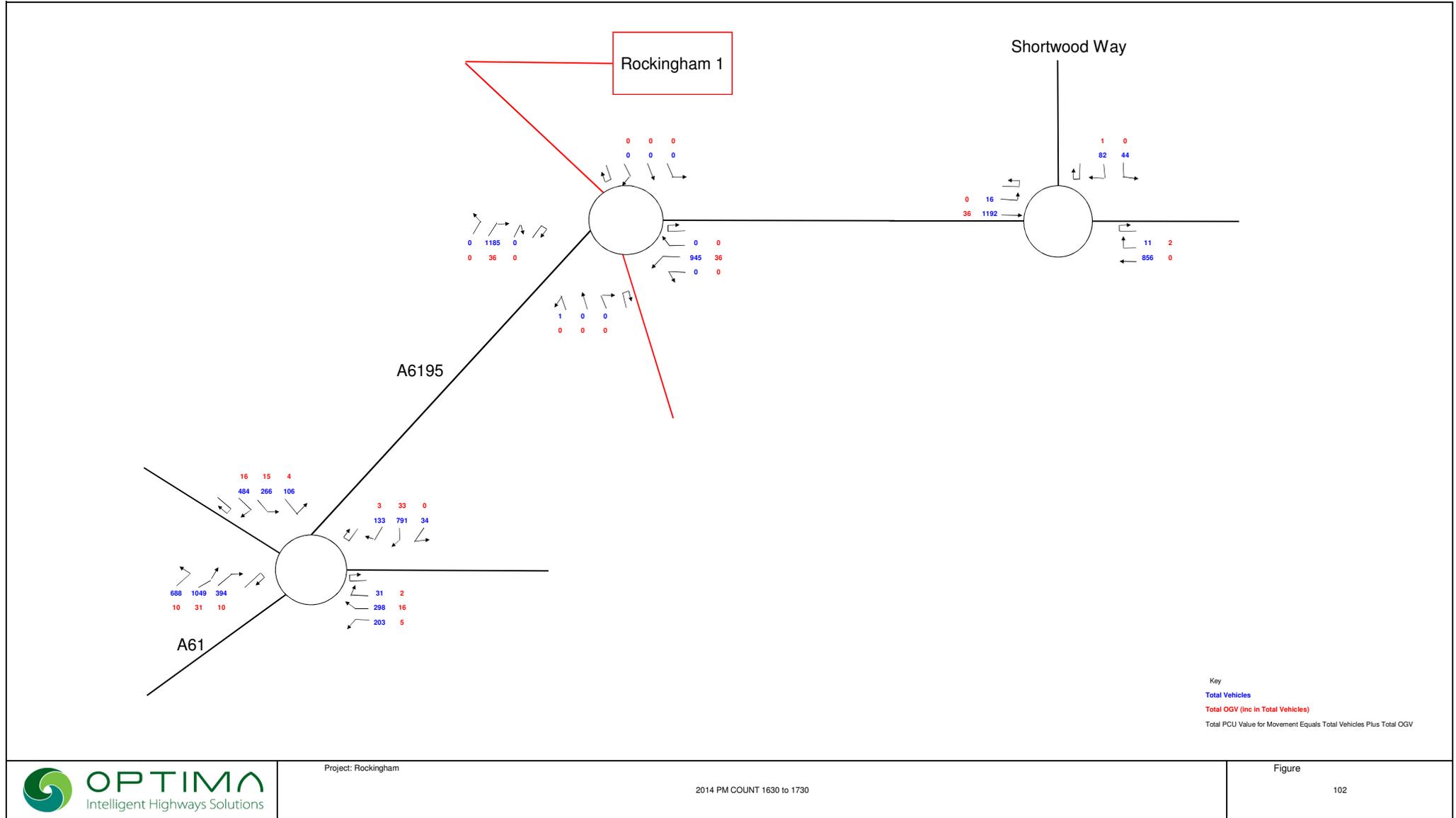


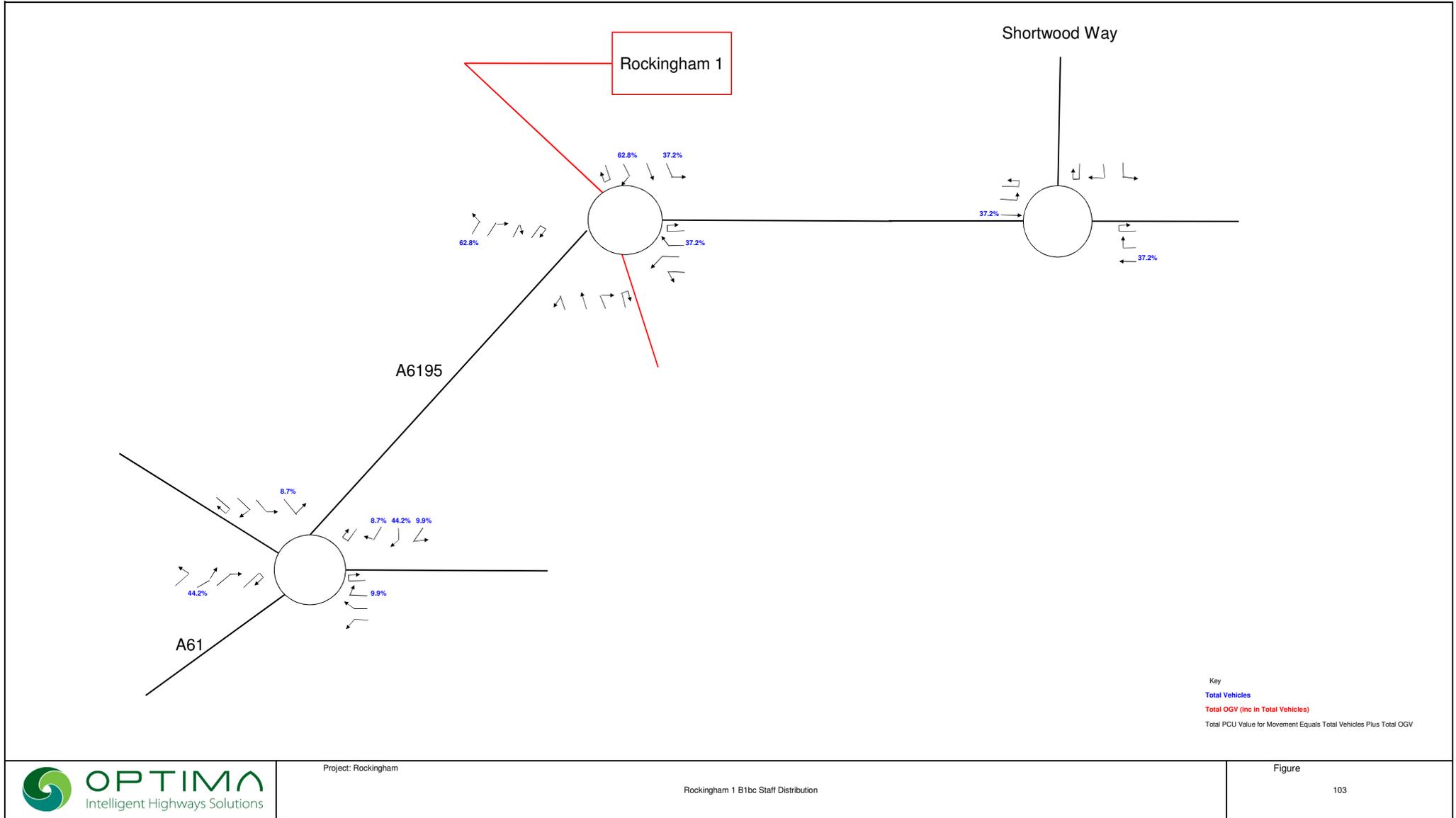
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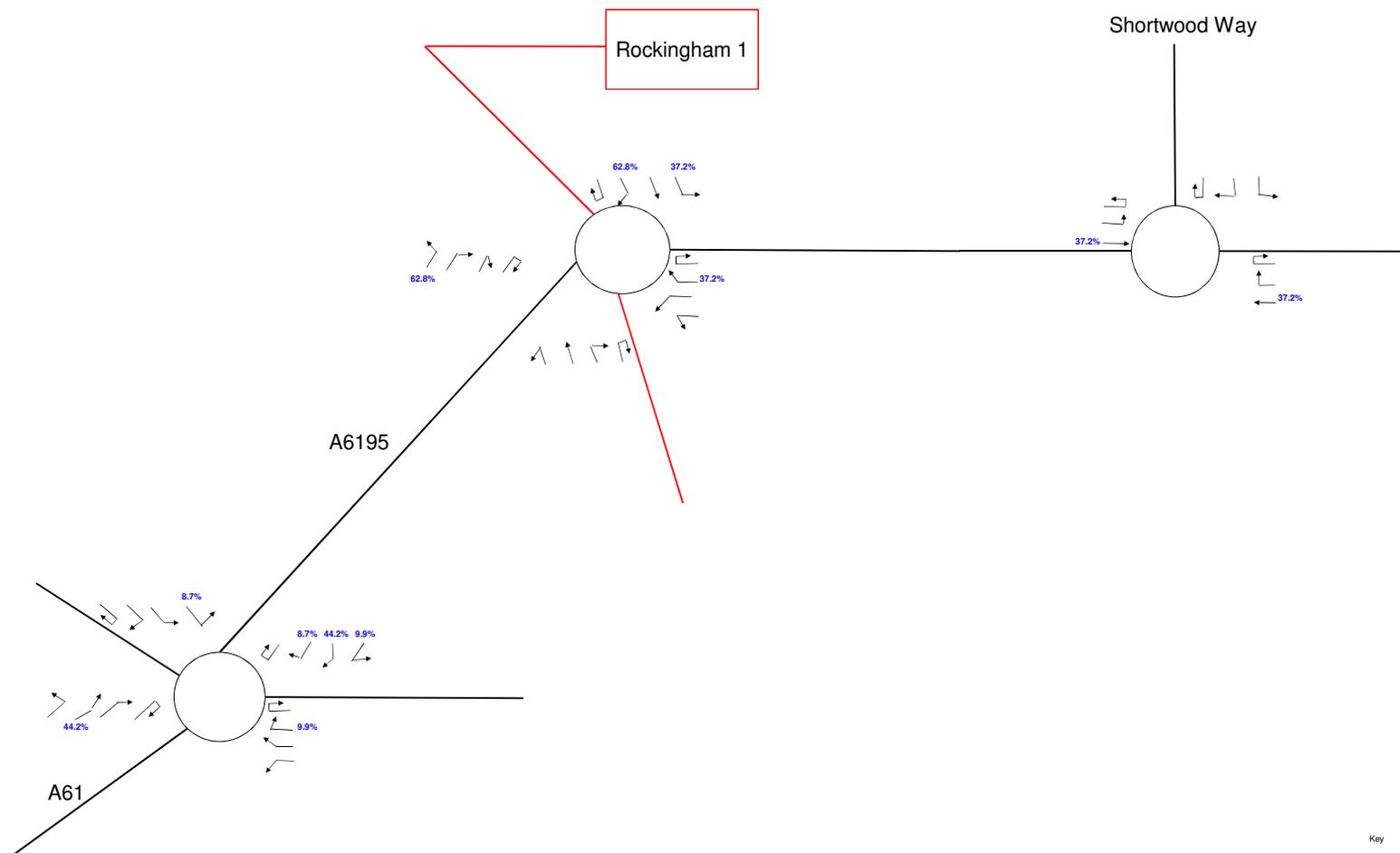


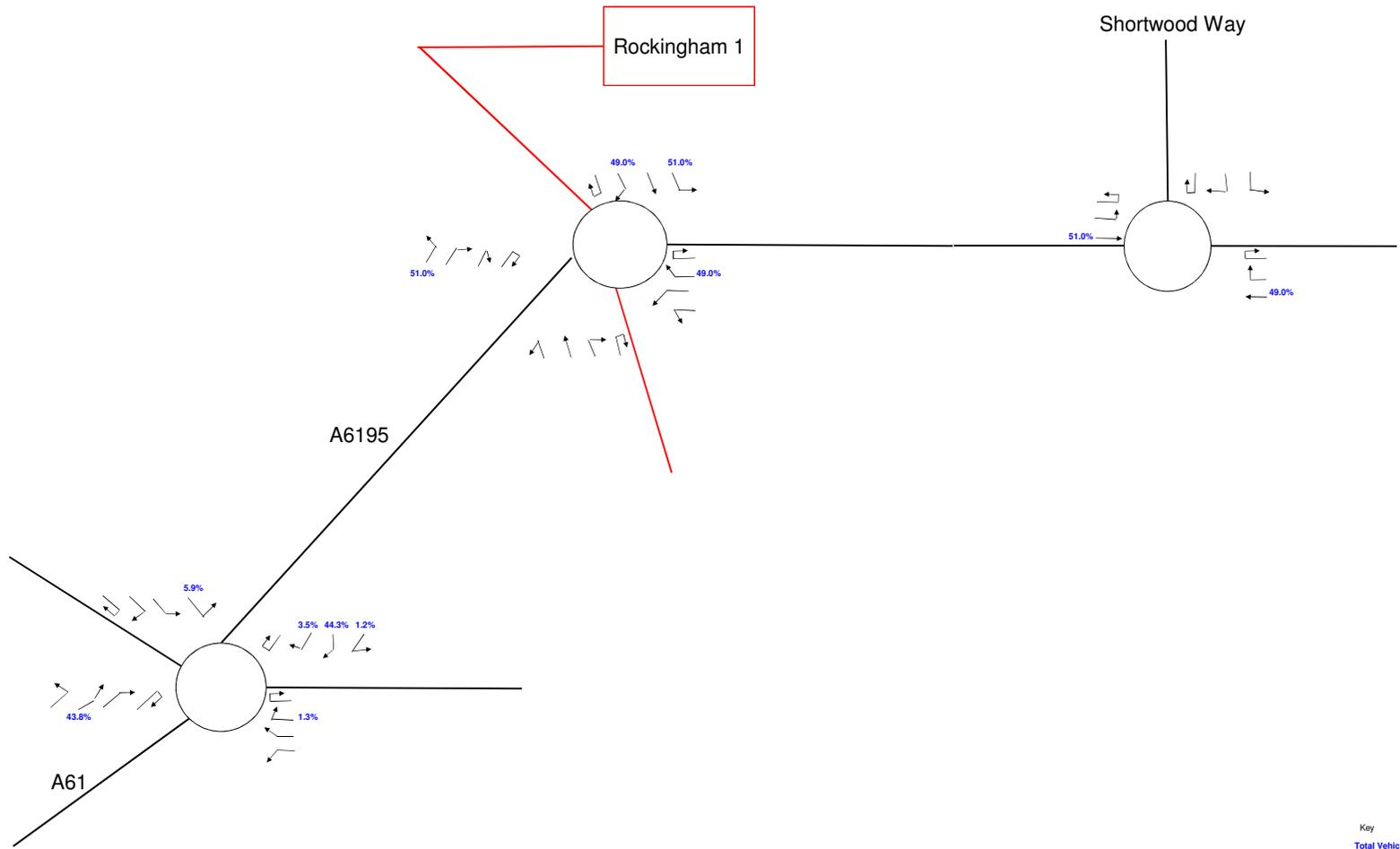
OPTIMA
Intelligent Highways Solutions
Atlas House, 31 King Street, Leeds, LS1 2HL



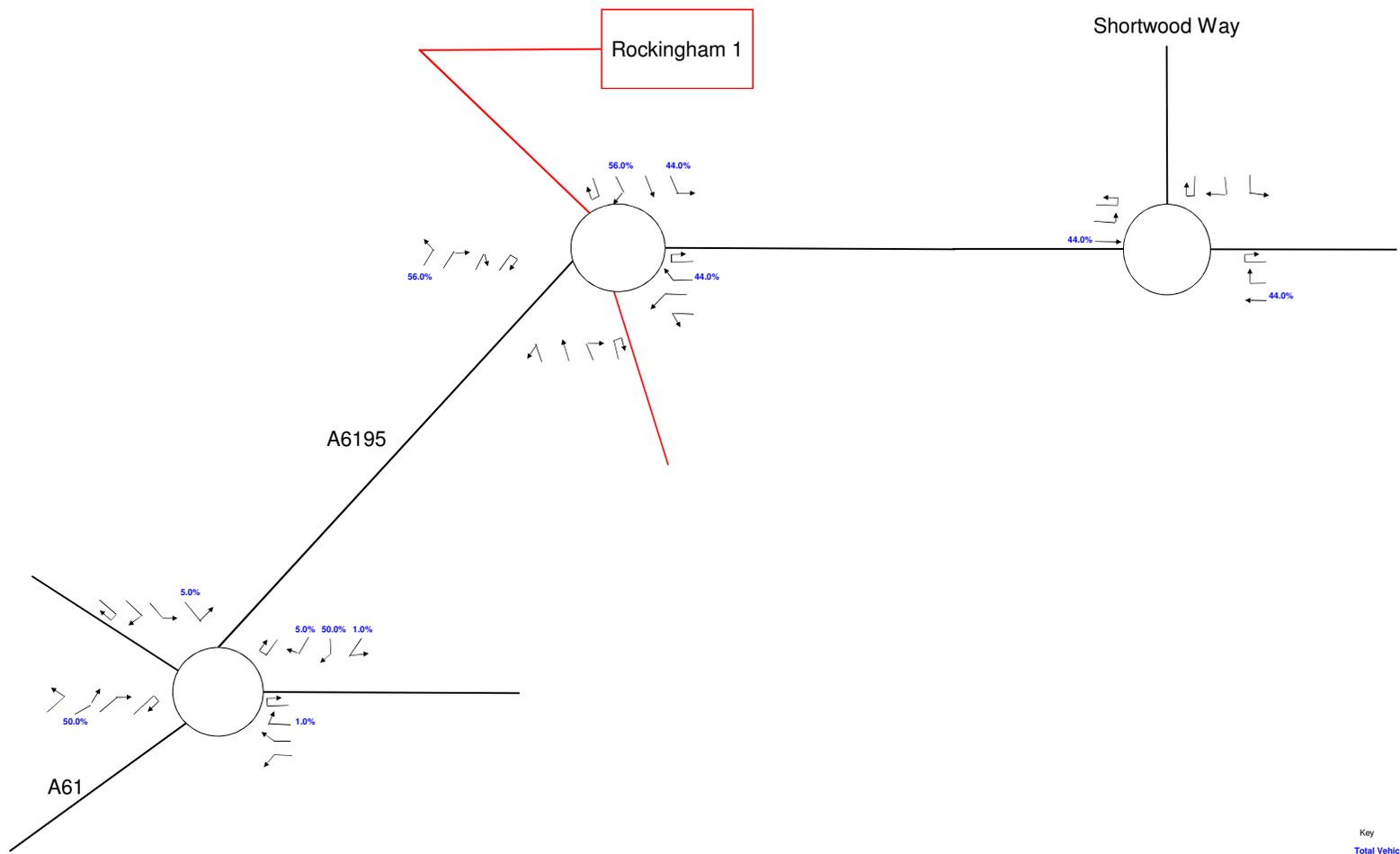




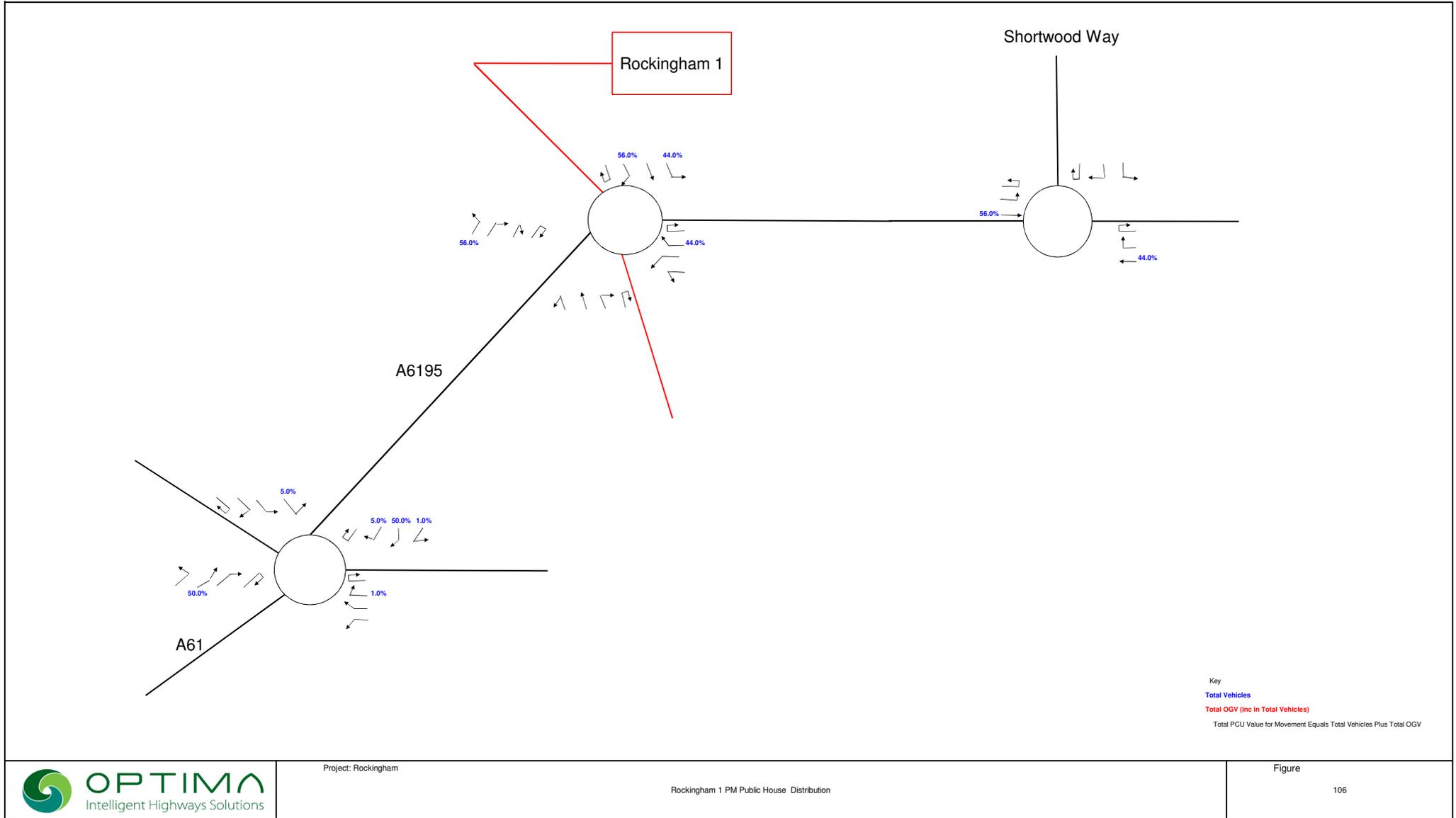


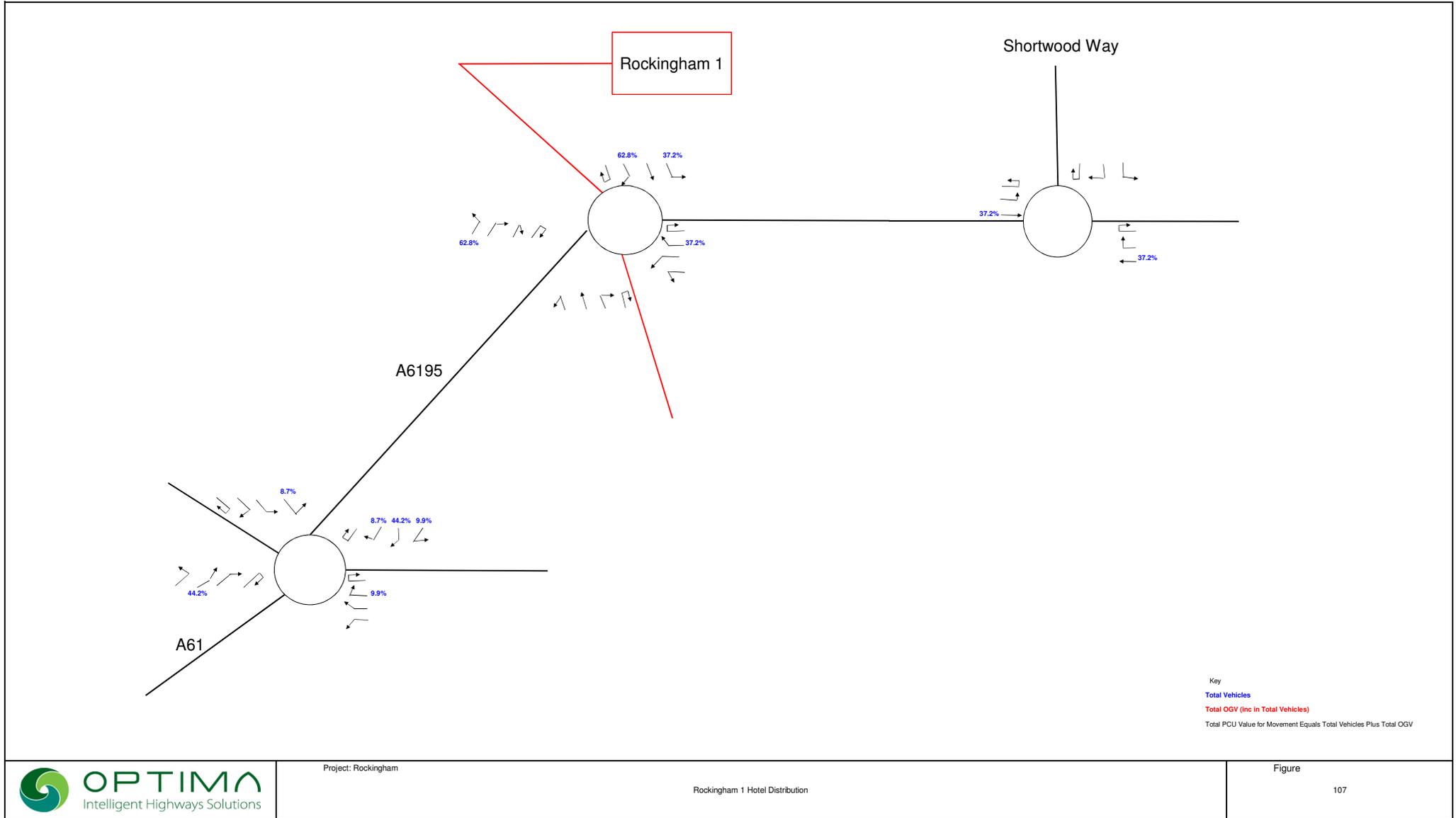


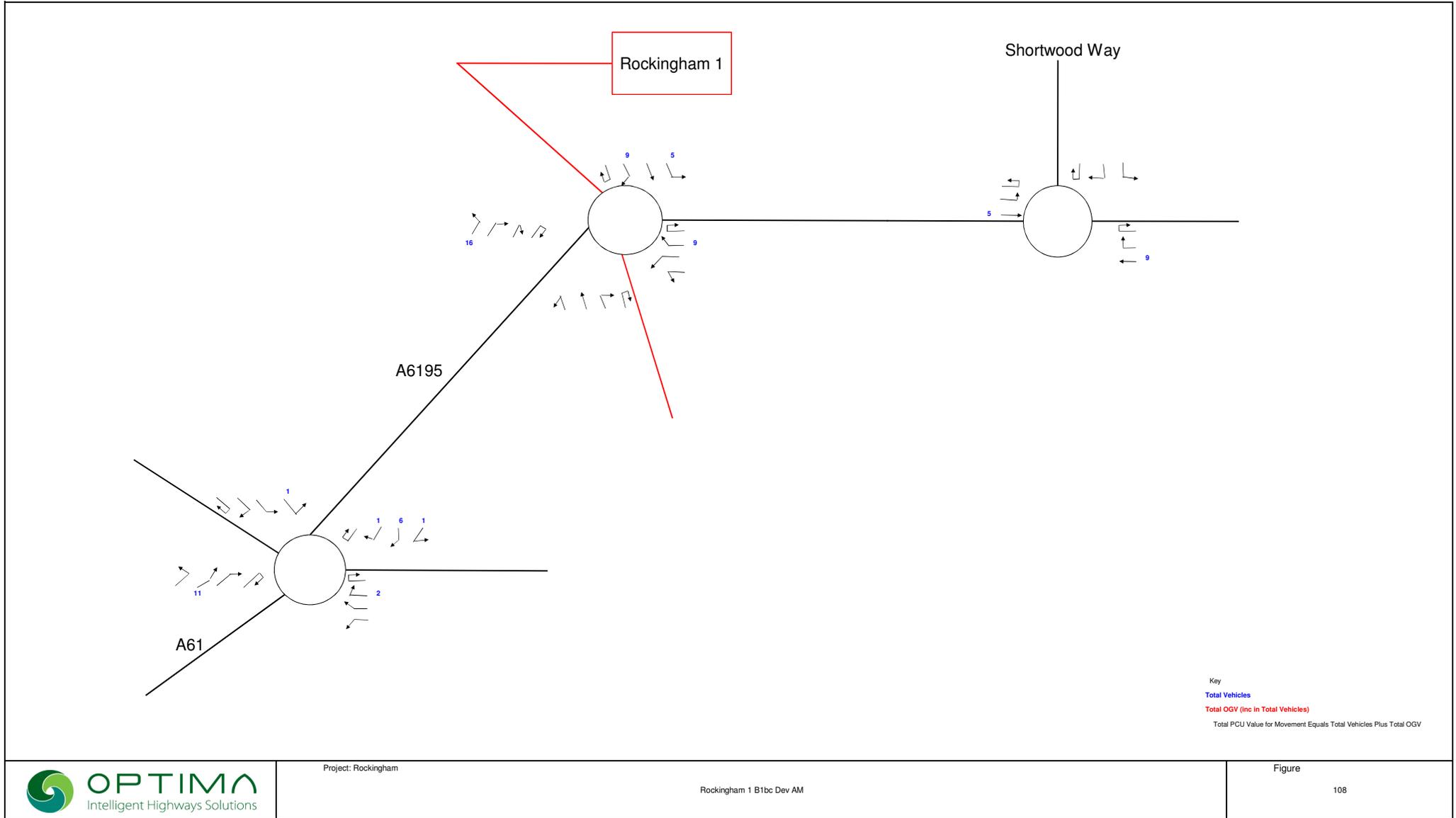
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 Total OGV (inc in Total Vehicles)
 Total PCU Value for Movement Equals Total Vehicles Plus Total OGV

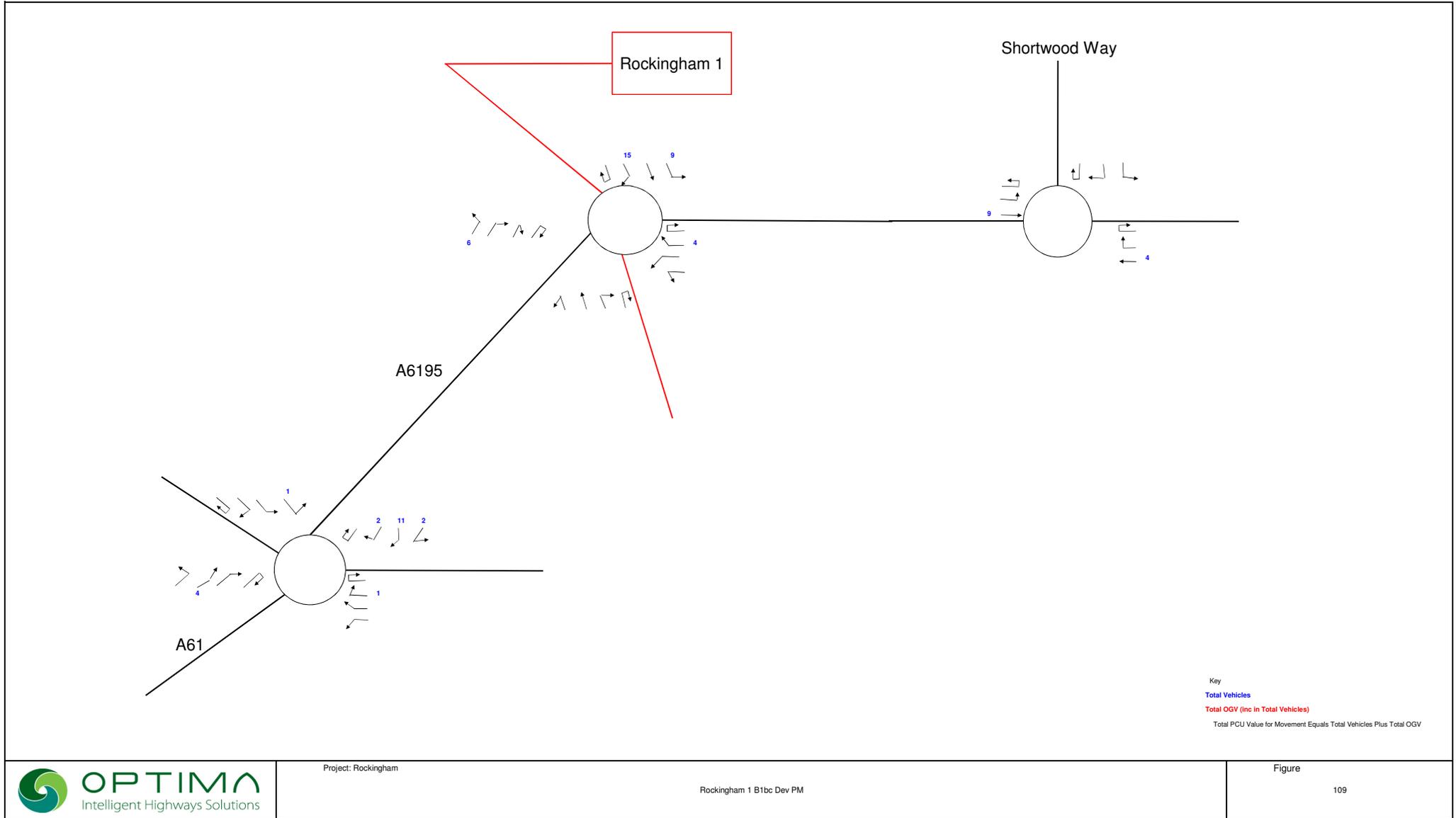


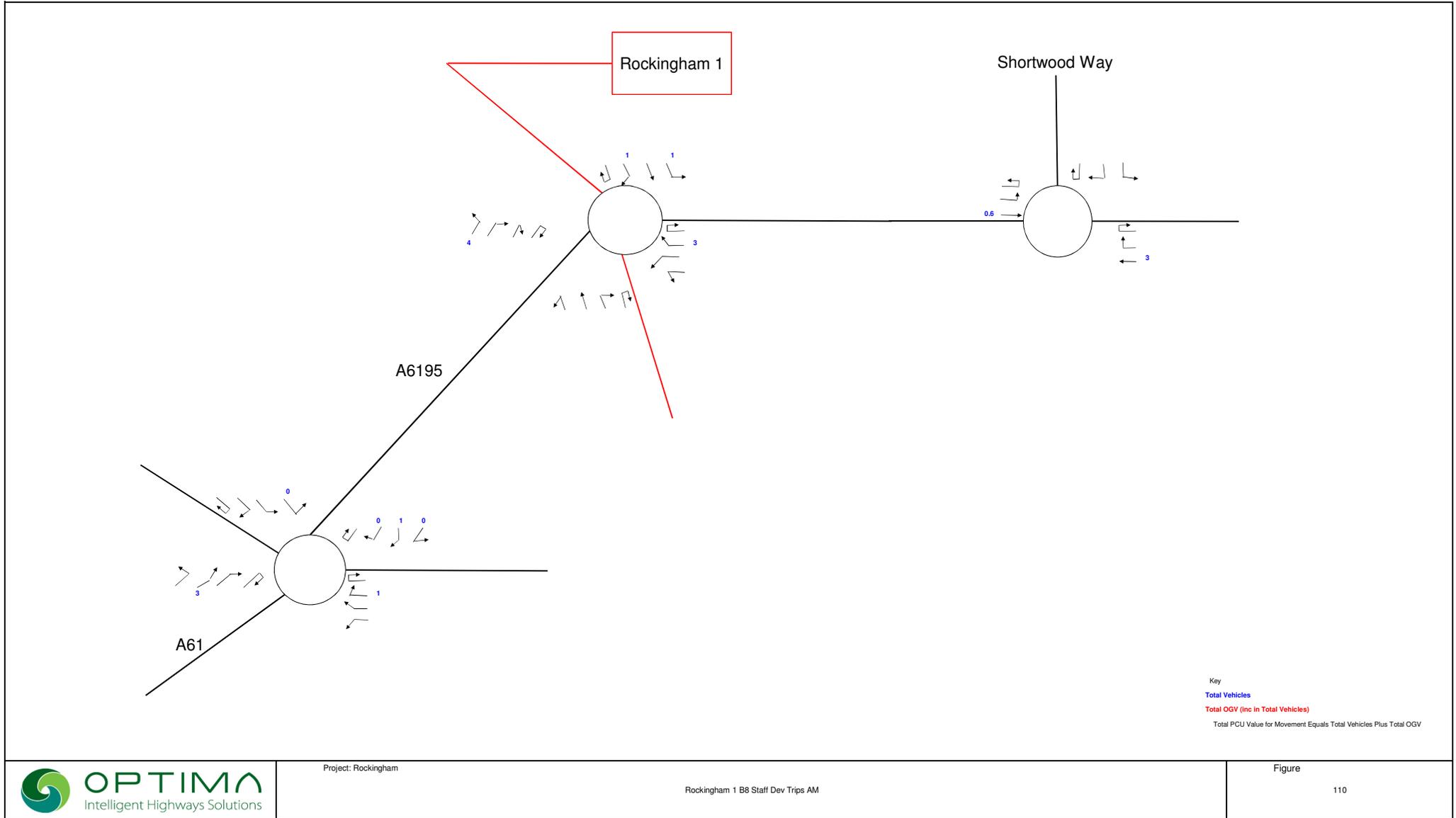
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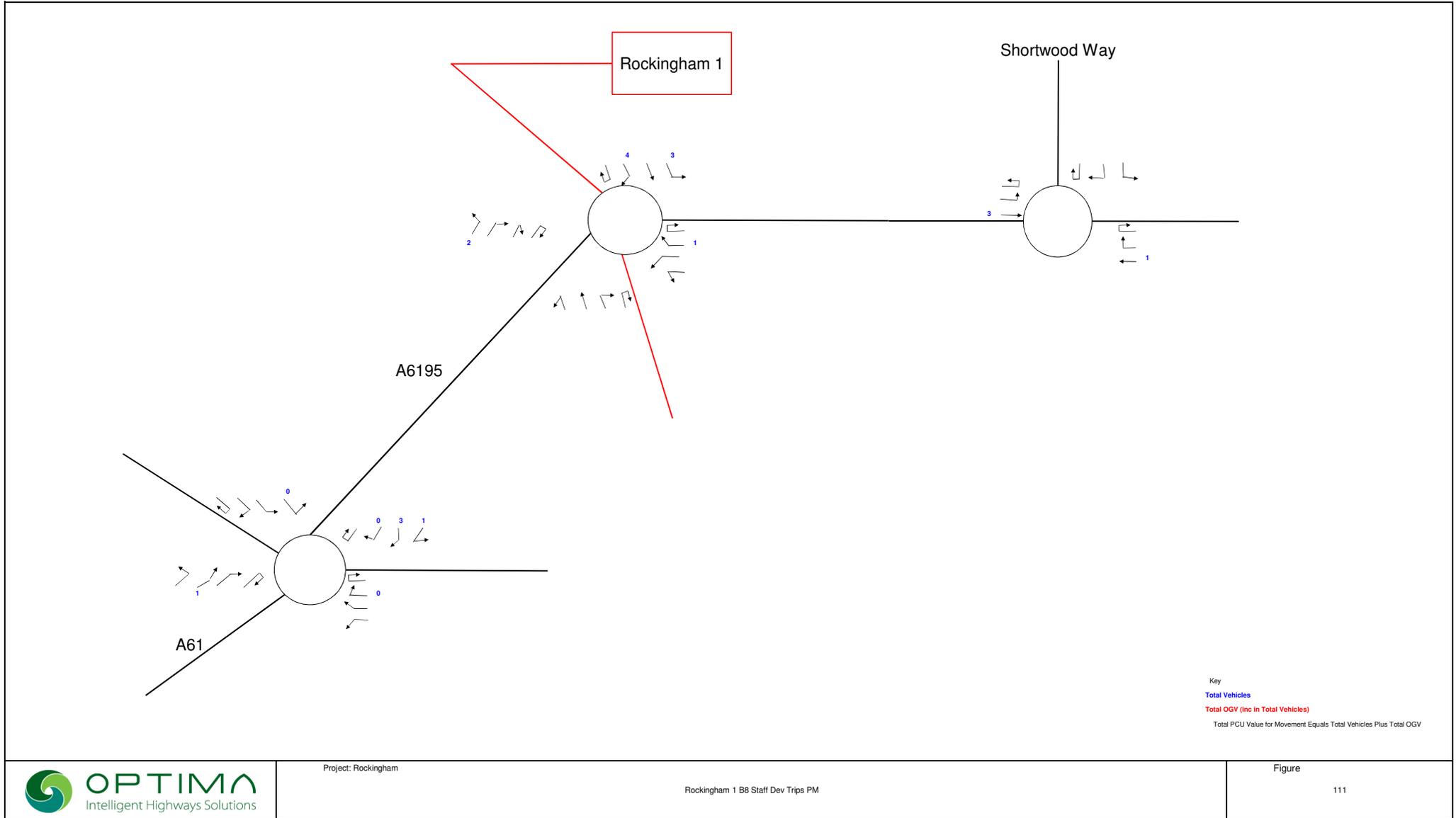


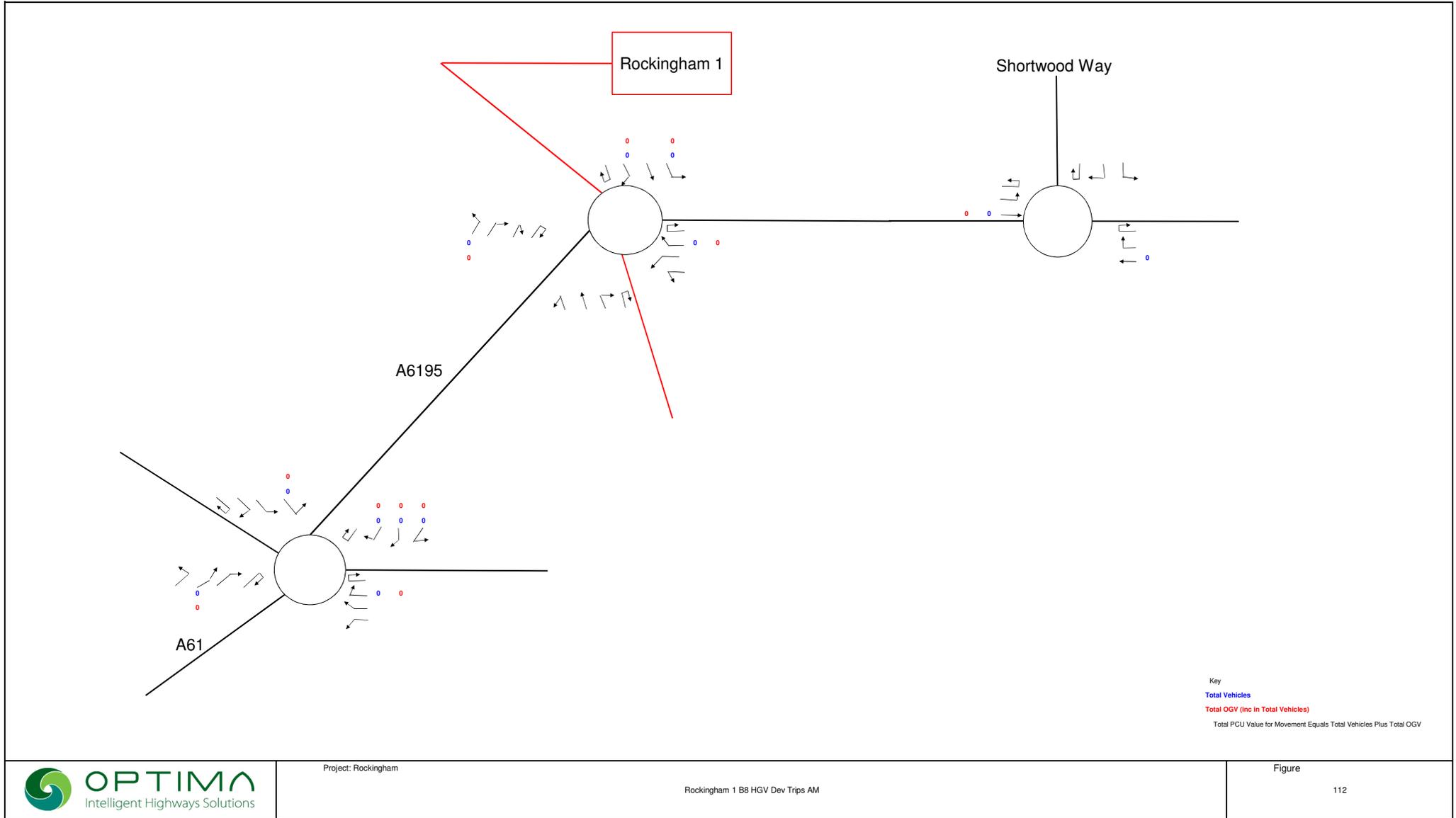


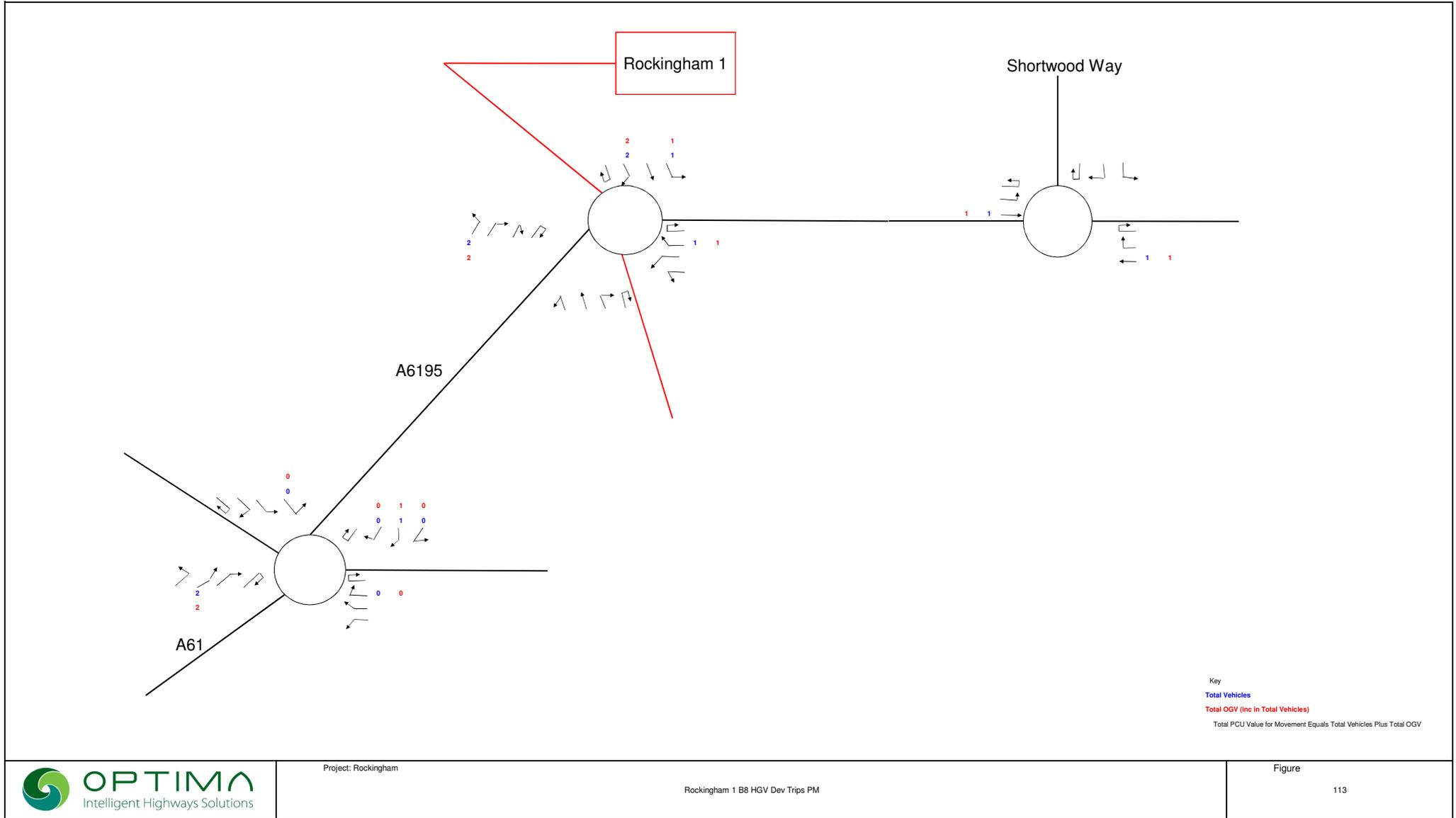


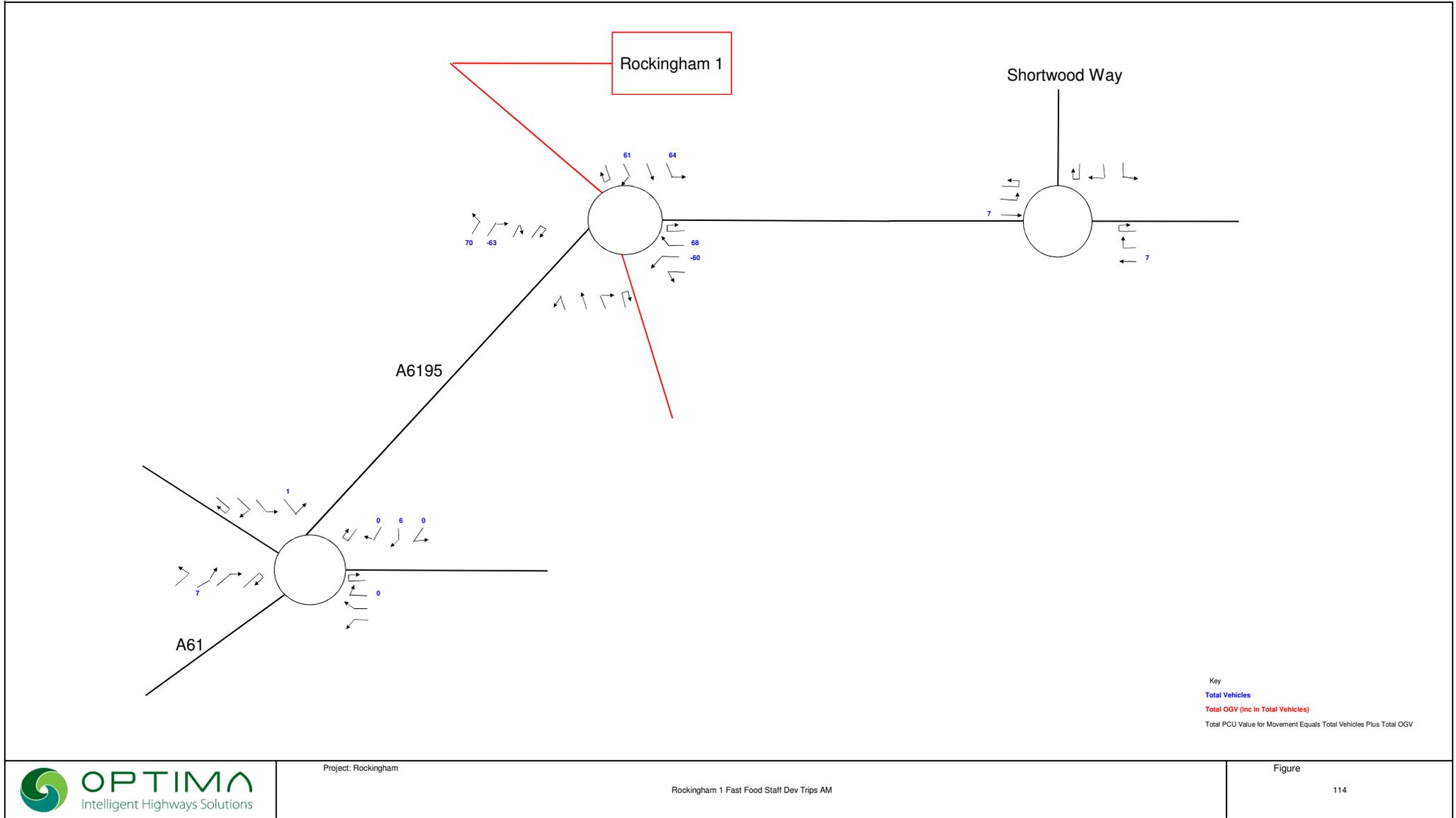


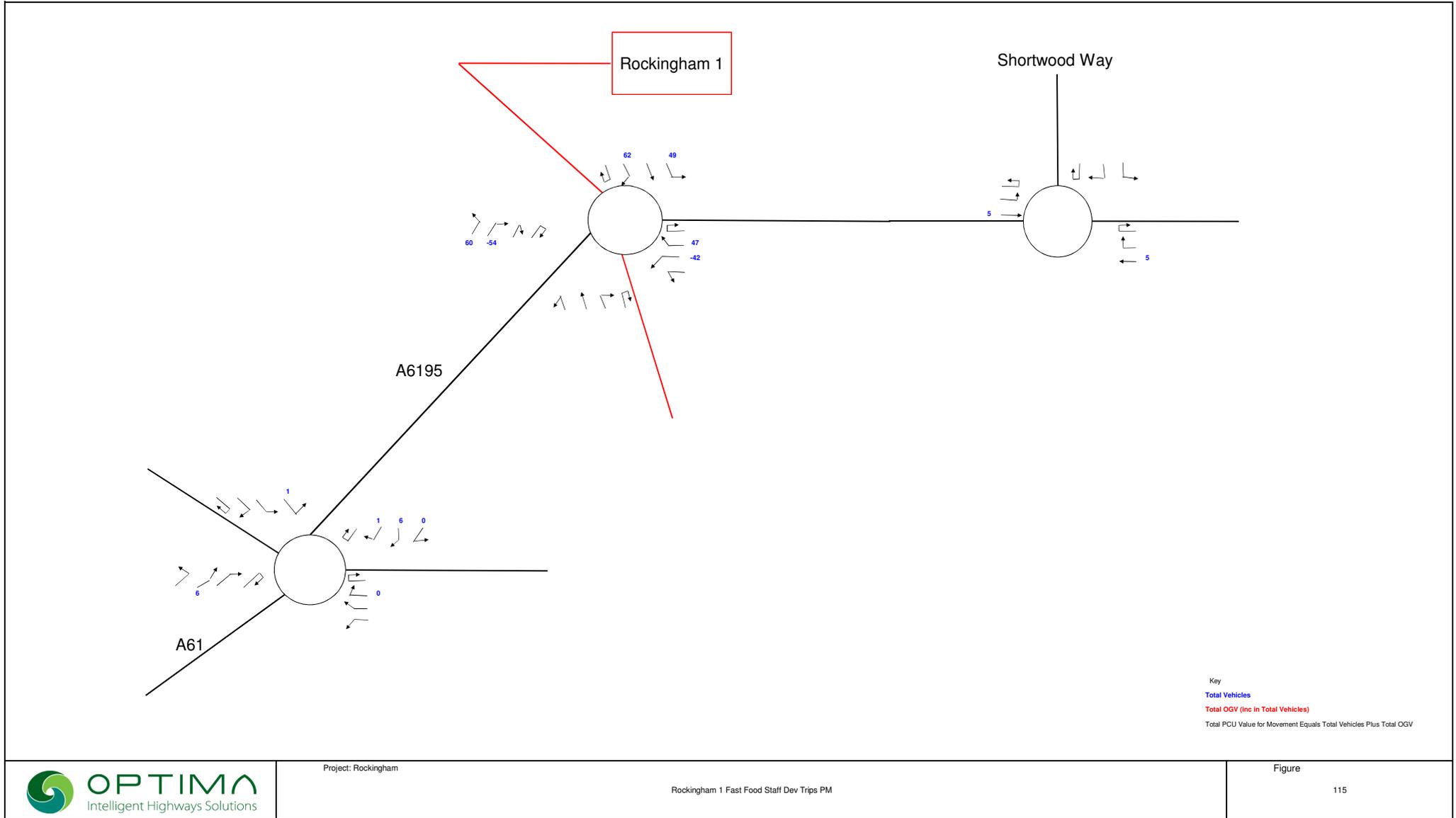


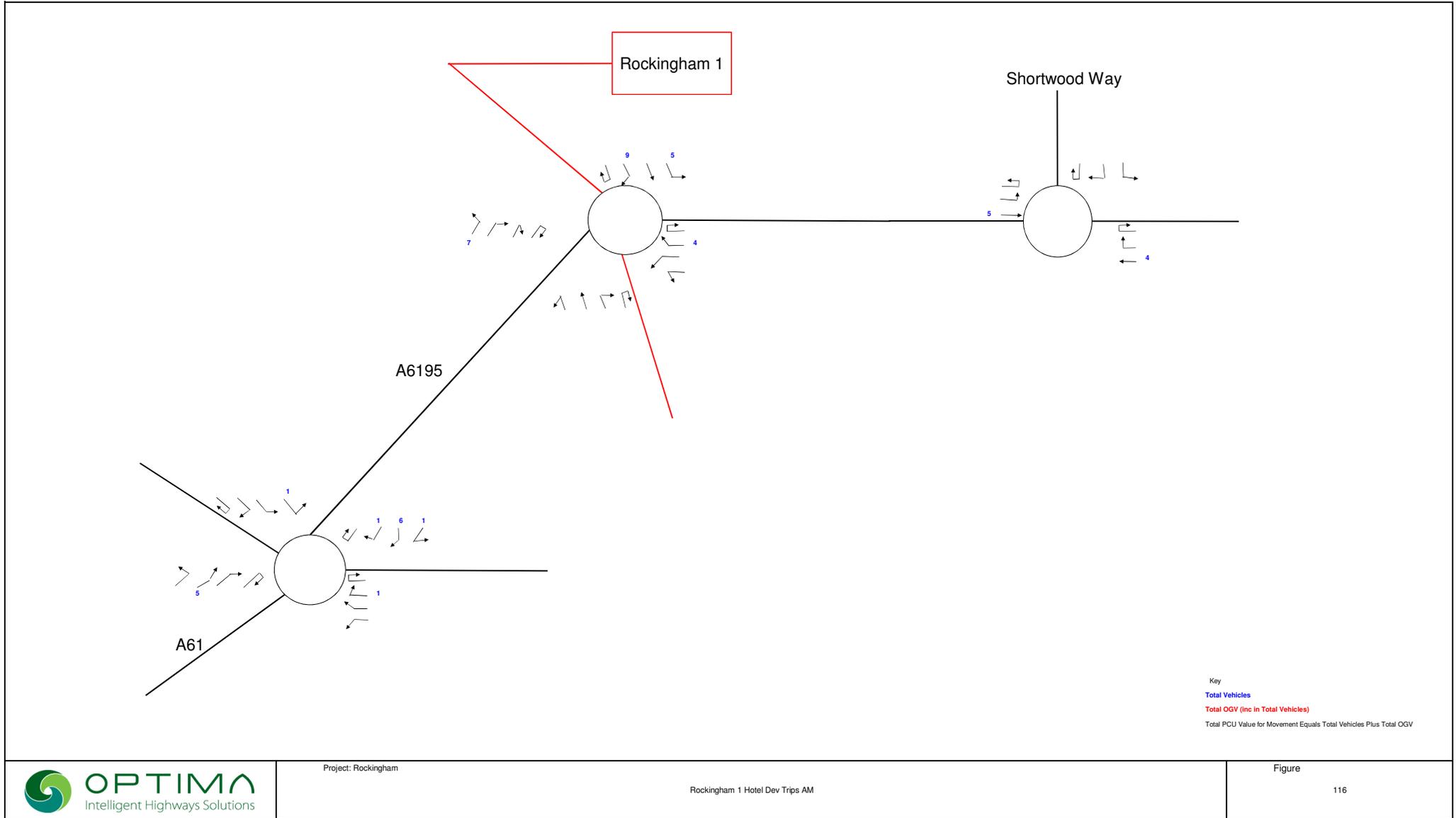


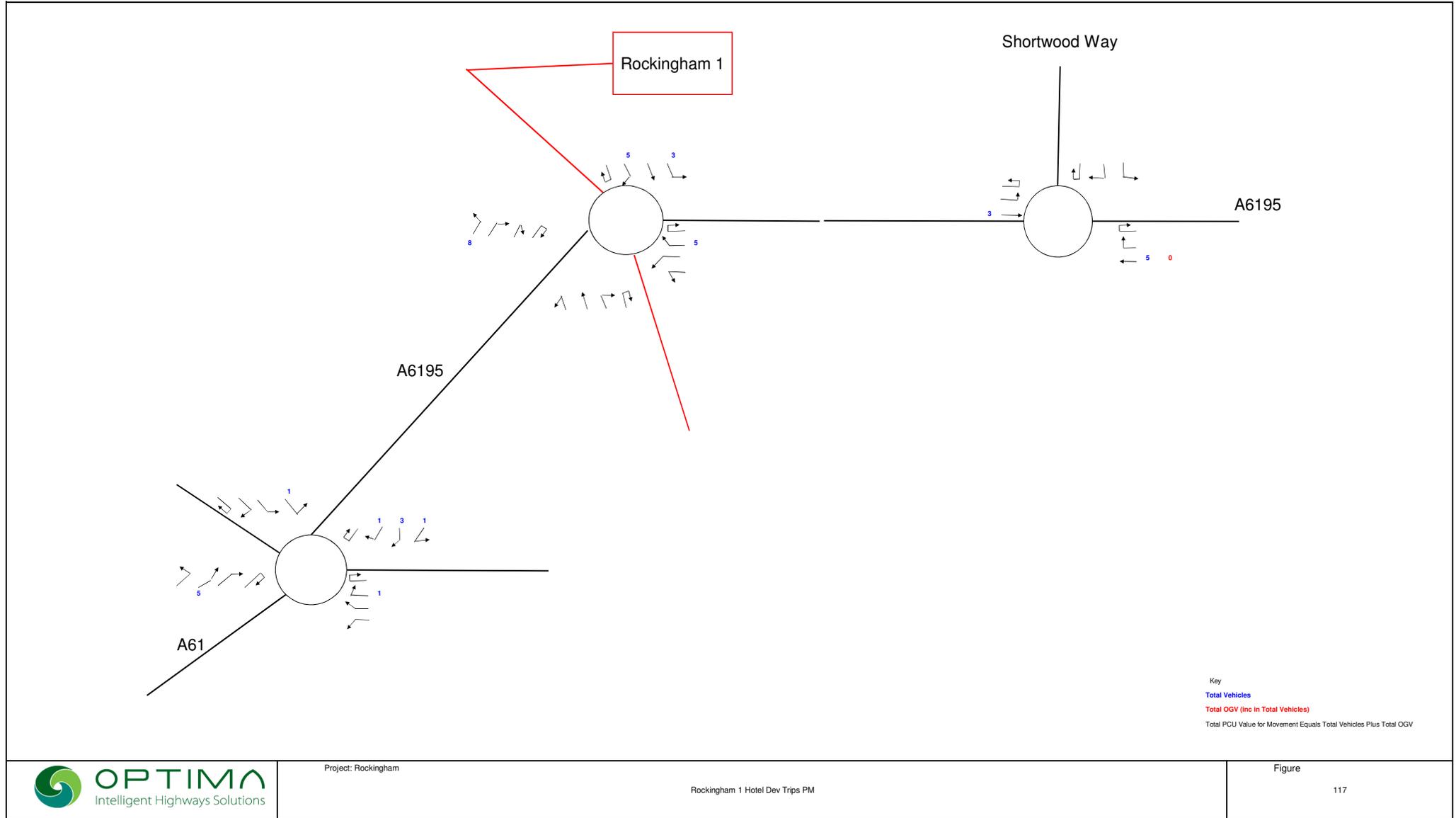


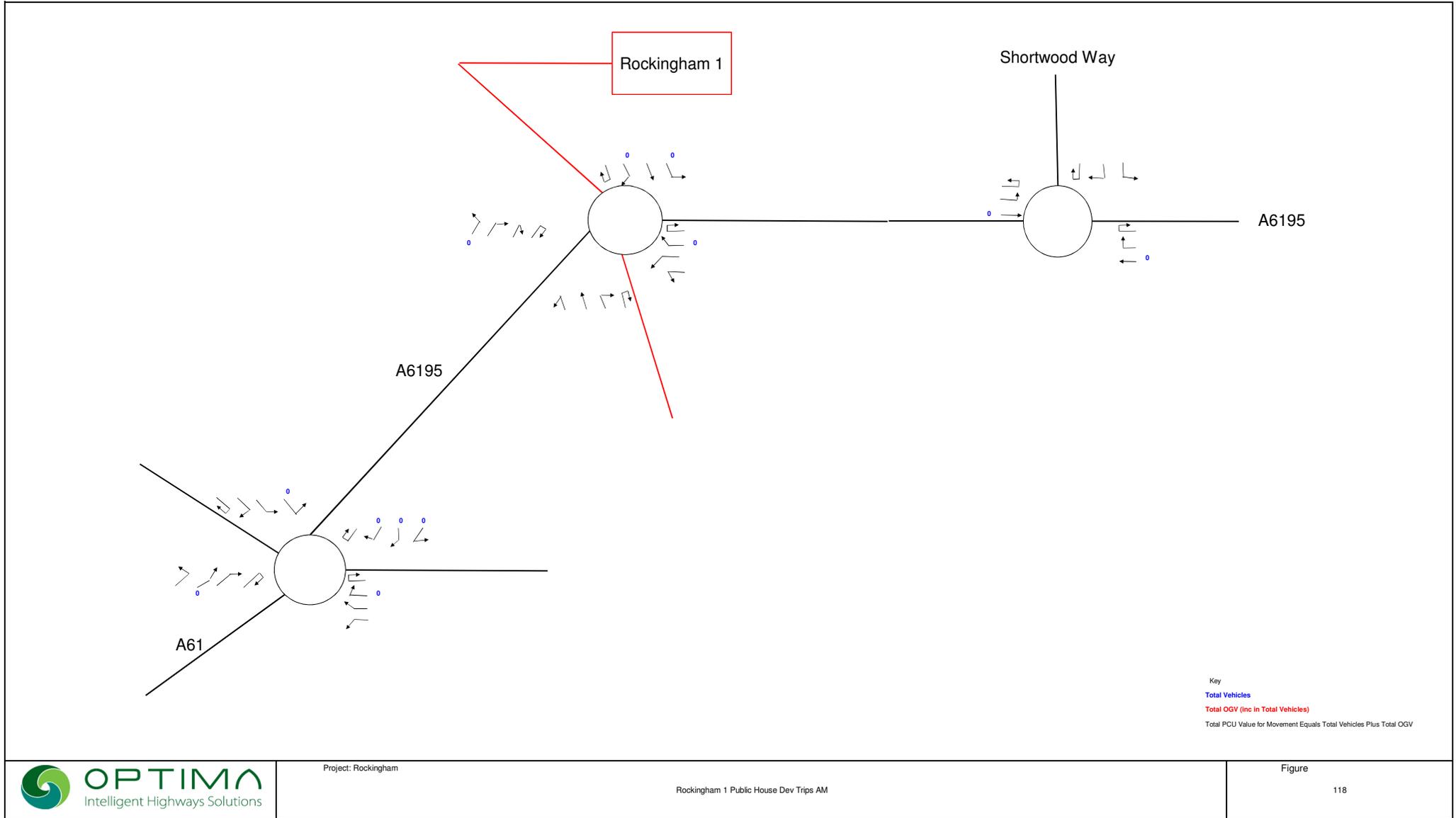












Key
 Total Vehicles
 Total OGV (inc in Total Vehicles)
 Total PCU Value for Movement Equals Total Vehicles Plus Total OGV

