

AM Peak

5.5 length of vehicle + gap

A620 Hospital Road

	RFC	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base	0.7	12	00:00:12	2	11
2021 base + committed	0.89	32	00:00:32	7	39
2038 base + committed	1.15	230	00:03:50	65	358
2038 base + committed + Ordsall (1250)	1.24	346	00:05:46	101	556
2038 base + committed + Ordsall +other local plan sites	1.27	421	00:07:01	114	627

00:03:11	additional delay per vehicle vs 2038 (without local plan sites)
270	additional length of queue (m) vs 2038 (without local plan sites)

North Road

2038 base + committed	0.88	24	00:00:24	7	39
2038 base + committed + Ordsall +other local plan sites	0.95	45	00:00:45	14	77

00:00:21	additional delay per vehicle vs 2038 (without local plan sites)
39	additional length of queue (m) vs 2038 (without local plan sites)

Bridgegate

2038 base + committed	0.86	49	00:00:49	5	28
2038 base + committed + Ordsall +other local plan sites	0.99	106	00:01:46	12	66

00:00:57	additional delay per vehicle vs 2038 (without local plan sites)
39	additional length of queue (m) vs 2038 (without local plan sites)

PM Peak

A620 Hospital Road

	RFC	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base	0.75	6	00:00:06	1	6
2021 base + committed	0.84	23	00:00:23	5	28
2038 base + committed	1.07	137	00:02:17	40	220
2038 base + committed + Ordsall	1.1	168	00:02:48	51	281
2038 base + committed + Ordsall +other local plan sites	1.16	259	00:04:19	78	429

00:02:02	additional delay per vehicle vs 2038 (without local plan sites)
209	additional length of queue (m) vs 2038 (without local plan sites)

North Road

2038 base + committed	1.08	154	00:02:34	57	314
2038 base + committed + Ordsall +other local plan sites	1.11	200	00:03:20	71	391

00:00:46	additional delay per vehicle vs 2038 (without local plan sites)
77	additional length of queue (m) vs 2038 (without local plan sites)



Bridgegate

2038 base + committed	0.94	74	00:01:14	9	50
2038 base + committed + Ordsall +other local plan sites	1.10	193	00:03:13	28	154

00:01:59	additional delay per vehicle vs 2038 (without local plan sites)
105	additional length of queue (m) vs 2038 (without local plan sites)

A638 Arlington Way/Grove Street - Traffic signals

AM Peak

5.5 length of vehicle + gap

Arm 4

Arlington Road		DoS	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base		98.3	78	00:01:18	32	176
2021 base + committed		100.1	92	00:01:32	37	204
2038 base + committed		116.7	332	00:05:32	105	578
2038 base + committed + Ordsall (1250)				00:00:00		0
2038 base + committed + Ordsall +other local plan sites		122	402	00:06:42	129	710

Scenario 15 (base + committed)

00:01:10 additional delay per vehicle vs 2038 (without local plan sites)

Scenario 23 - 2038 committed + Local Plan

132 additional length of queue (m) vs 2038 (without local plan sites)

Arm 5

Grove St W

2038 base + committed		100	138	00:02:18	13	72
2038 base + committed + Ordsall +other local plan sites		104	183	00:03:03	17	94

00:00:45 additional delay per vehicle vs 2038 (without local plan sites)

22 additional length of queue (m) vs 2038 (without local plan sites)

Arm 2

Arlington Way

2038 base + committed		89	42	00:00:42	21	116
2038 base + committed + Ordsall +other local plan sites		93	50	00:00:50	25	138

00:00:08 additional delay per vehicle vs 2038 (without local plan sites)

22 additional length of queue (m) vs 2038 (without local plan sites)

PM Peak

Arm 4

Arlington Road

		DoS	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base		106	170	00:02:50	56	308
2021 base + committed		111	251	00:04:11	78	429
2038 base + committed		125	499	00:08:19	157	864
2038 base + committed + Ordsall						
2038 base + committed + Ordsall +other local plan sites		133	552	00:09:12	178	979

00:00:53 additional delay per vehicle vs 2038 (without local plan sites)

116 additional length of queue (m) vs 2038 (without local plan sites)

Scenario 16 (base + committed)

Arm 5 **Grove St W**

2038 base + committed	125	460	00:07:40	59	325
2038 base + committed + Ordsall +other local plan sites	134	571	00:09:31	72	396

00:01:51	additional delay per vehicle vs 2038 (without local plan sites)
72	additional length of queue (m) vs 2038 (without local plan sites)

Arm 2 **Arlington Way**

2038 base + committed	98	77	00:01:17	32	176
2038 base + committed + Ordsall +other local plan sites	98	70	00:01:10	29	160

*error with this one? 2038 without LP is less than with LP traffic?

A638 Arlington Way/Carolgate - Traffic signals

AM Peak

5.5 length of vehicle + gap

Arm 2 London Road

	DoS	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base	78	29	00:00:29	13	72
2021 base + committed	87	35	00:00:35	18	99
2038 base + committed	102	120	00:02:00	45	248
2038 base + committed + Ordsall (1250)					
2038 base + committed + Ordsall +other local plan sites	111	244	00:04:04	86	473

00:02:04	additional delay per vehicle vs 2038 (without local plan sites)
226	additional length of queue (m) vs 2038 (without local plan sites)

Scenario 15 (base + committed)
Scenario 23 - 2038 committed + Local Plan

Albert St - arm 4

2038 base + committed	103	171	00:02:51	20	110
2038 base + committed + Ordsall +other local plan sites	108	240	00:04:00	28	154

00:01:09	additional delay per vehicle vs 2038 (without local plan sites)
44	additional length of queue (m) vs 2038 (without local plan sites)

Carolgate - arm 1

2038 base + committed	62	51	00:00:51	4	22
2038 base + committed + Ordsall +other local plan sites	73	57	00:00:57	5	28

00:00:06	additional delay per vehicle vs 2038 (without local plan sites)
6	additional length of queue (m) vs 2038 (without local plan sites)

Arlington - arm 3

2038 base + committed	47	14	00:00:14	8	44
2038 base + committed + Ordsall +other local plan sites	51	15	00:00:15	9	50

00:00:01	additional delay per vehicle vs 2038 (without local plan sites)
6	additional length of queue (m) vs 2038 (without local plan sites)

PM Peak

Arm 2 London Road

	DoS	Delay (sec)	Delay (minutes)	Queue (veh)	Q Length (m)
2021 base	92	55	00:00:55	16	88
2021 base + committed	98	77	00:01:17	24	132
2038 base + committed	114	304	00:05:04	80	440
2038 base + committed + Ordsall					
2038 base + committed + Ordsall +other local plan sites	122	468	00:07:48	126	693

00:02:44 additional delay per vehicle vs 2038 (without local plan sites)

253 additional length of queue vs 2038 (without local plan sites)

Scenario 16 (base + committed)

Scenario 24 - 2038 committed + Local Plan

Albert St - arm 4

2038 base + committed	114	331	00:05:31	32	176
2038 base + committed + Ordsall +other local plan sites		500	00:08:20	45	248

00:02:49 additional delay per vehicle vs 2038 (without local plan sites)

72 additional length of queue vs 2038 (without local plan sites)

Carolgate - arm 1

2038 base + committed	115	336	00:05:36	58	319
2038 base + committed + Ordsall +other local plan sites		477	00:07:57	89	490

00:02:21 additional delay per vehicle vs 2038 (without local plan sites)

171 additional length of queue vs 2038 (without local plan sites)

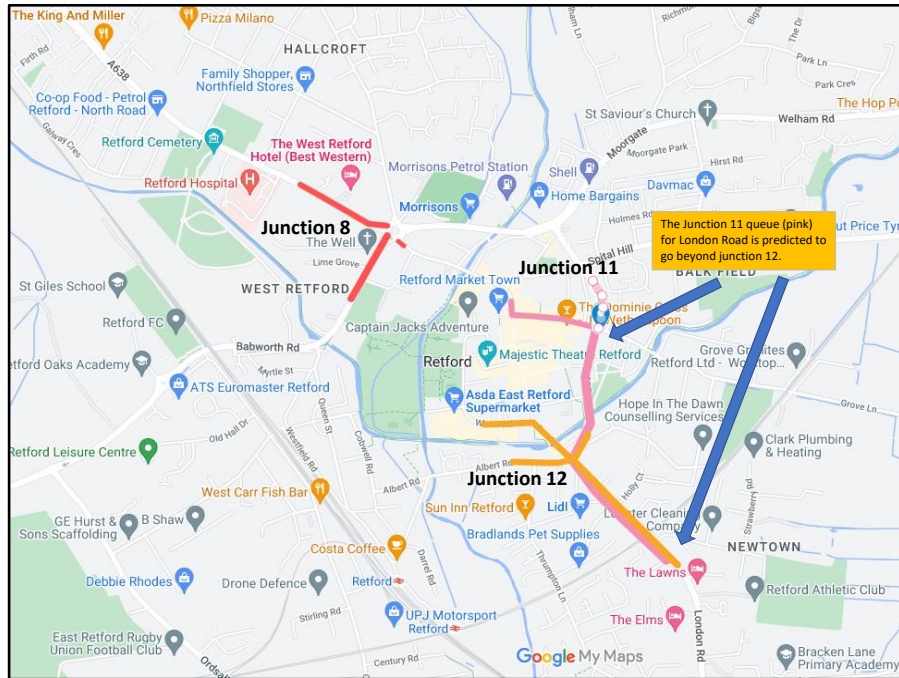
Arlington - arm 3

2038 base + committed	71	22	00:00:22	16	88
2038 base + committed + Ordsall +other local plan sites		25	00:00:25	19	105

00:00:03 additional delay per vehicle vs 2038 (without local plan sites)

17 additional length of queue vs 2038 (without local plan sites)

PM peak 2038 without local plan development



PM peak 2038 with local plan development

