



Brookgate Land Limited
Land North of Cambridge North Station, Cambridge

Appellant

Proof of Evidence of Mark Nettleton
BEng (Hons) MCIHT

Transport – Appendix A

APPEAL REF: APP/W0530/W/23/3315611

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I Introduction to Appendices

1.1.1 This is the Appendices to the Proof of Evidence of Mark Nettleton relating to transport matters for appeal reference APP/W0530/W/23/3315611.

1.1.2 These appendices contains only the following section:

- Appendix A - Traffic Model Summarised Results



Appendix A Traffic Model Summarised Results

1.1.3 This Appendix presents the results of the traffic modelling exercise. They present the worst performing peak hour at each location, and the worst performing lane or connecting link. The Delays are shown here in s/pcu, which is the delay experienced by a car caused by queuing. The Queues are measured in pcu, which is a 'passenger car unit', referred to as a length of 5.75m. A HGV by comparison would be represented by 2 pcu. 'Circ' refers to the circulatory carriageway of a roundabout.

Table A-1: Milton Interchange

Road	Delays (s/pcu)		Queues (pcu)	
	Baseline	With Development	Baseline	With Development
A10 Southbound (Circ)	26	9	9	7
A10 Southbound	38	73	25	36
Cambridge Rd (Circ)	n/a	n/a	n/a	n/a
Cambridge Road	110	168	20	26
A14 Westbound (Circ)	61	52	29	28
A14 Westbound Slip	76	76	15	15
Milton Rd (Circ)	28	38	2	3
Milton Road	57	61	15	16
A14 Eastbound (Circ)	21	19	15	15
A14 Eastbound Slip	44	51	10	12

Table A-2: Milton Road / Cowley Road N

Road	Delays (s/pcu)		Queues (pcu)	
	Baseline	With Development	Baseline	With Development
Milton Road SB	13	17	8	9
Cowley Road	74	59	8	9
Milton Road NB	36	36	2	2
Science Park	58	64	4	4

Table A-3: Milton Road / Cowley Park

Road	Delays (s/pcu)		Queues (pcu)	
	Baseline	With Development	Baseline	With Development
Milton Road SB	6	6	5	6
Cowley Park	56	56	4	4
Milton Road NB	59	62	2	1



Table A-4: Milton Road / Guided Busway

Road	Delays (s/pcu)		Queues (pcu)	
	Baseline	With Development	Baseline	With Development
Milton Road SB	3	4	2	4
Guided Busway	57	57	0	0
Milton Road NB	3	4	3	1

Table A-5: Milton Road / Kings Hedges Road

Road	Delays (s/pcu)		Queues (pcu)	
	Baseline	With Development	Baseline	With Development
Milton Road SB	177	176	21	21
Green End Road	135	138	20	20
Milton Road NB	93	105	28	31
Kings Hedges Road	151	151	12	12

End of appendices