

Appendix 9

Traffic & Transport

Junction 1 : Cheltenham Racecourse (A435, B4075 & Swindon Lane)																	APPENDIX 9.1	
AM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	52.5%	4.2	50.1%	4.2	51.2%	4.2	51.4%	4.2	53.3%	4.8	54.5%	4.8	54.6%	4.8	63.2%	6.0	64.7%	6.0
Racecourse entrance	1.4%	3.0	1.1%	3.0	1.1%	3.0	1.1%	3.0	1.1%	3.0	1.1%	3.0	1.1%	3.0	1.4%	3.0	1.5%	3.0
B4075 New Barn Lane	49.2%	5.4	47.4%	4.8	47.8%	4.8	47.9%	5.4	50.9%	5.4	51.4%	5.4	51.5%	5.4	62.1%	7.2	63.0%	7.8
A435 South	44.4%	5.4	40.9%	4.8	42.8%	4.8	43.1%	4.8	43.9%	4.8	45.9%	5.4	46.3%	5.4	54.1%	6.6	56.7%	7.2
Swindon Lane	39.8%	4.8	37.9%	4.2	38.3%	4.2	38.4%	4.2	40.8%	4.8	41.3%	4.8	41.4%	4.8	50.1%	6.0	43.0%	5.4
Maximum/Average	52.5%	4.9	50.1%	4.5	51.2%	4.5	51.4%	4.6	53.3%	4.9	54.5%	5.1	54.6%	5.1	63.2%	6.4	64.7%	6.6
Inter-Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	34.5%	3.0	34.5%	3.0	35.6%	3.6	36.0%	3.6	36.9%	3.6	37.9%	3.6	38.4%	3.6	43.5%	3.6	45.1%	4.2
Racecourse entrance	2.3%	2.4	2.3%	2.4	2.3%	2.4	2.3%	2.4	2.4%	2.4	2.4%	2.4	2.4%	2.4	3.1%	3.0	3.1%	3.0
B4075 New Barn Lane	31.9%	3.6	31.9%	3.6	32.3%	3.6	32.4%	3.6	34.4%	4.2	34.7%	4.2	34.8%	4.2	41.5%	4.8	42.0%	4.8
A435 South	24.5%	3.6	24.5%	3.6	25.8%	3.6	26.3%	3.6	26.3%	3.6	27.5%	3.6	28.1%	3.6	31.7%	4.2	33.5%	4.2
Swindon Lane	24.6%	3.0	24.6%	3.0	24.9%	3.6	25.0%	3.6	26.4%	3.6	26.7%	3.6	26.7%	3.6	31.8%	3.6	32.1%	3.6
Maximum/Average	34.5%	3.3	34.5%	3.3	35.6%	3.6	36.0%	3.6	36.9%	3.7	37.9%	3.7	38.4%	3.7	43.5%	4.0	45.1%	4.2
PM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	46.6%	4.2	46.0%	4.2	46.5%	4.2	46.6%	4.2	49.0%	4.2	49.6%	4.2	49.6%	4.2	59.0%	5.4	59.7%	5.4
Racecourse entrance	3.6%	3.0	3.6%	3.0	3.6%	3.0	3.6%	3.0	4.1%	3.0	4.1%	3.0	4.1%	3.0	5.1%	3.6	5.1%	3.6
B4075 New Barn Lane	51.7%	5.4	51.4%	5.4	51.6%	5.4	51.6%	5.4	55.1%	6.0	55.3%	6.0	55.3%	6.0	67.0%	8.4	67.3%	8.4
A435 South	53.8%	6.0	53.1%	6.0	53.5%	6.0	53.7%	6.0	57.3%	6.6	57.8%	6.6	57.9%	6.6	71.0%	10.8	71.5%	10.8
Swindon Lane	52.0%	6.0	51.7%	6.0	51.9%	6.0	51.9%	6.0	56.0%	6.6	56.1%	6.6	56.2%	6.6	70.4%	10.8	70.6%	10.8
Maximum/Average	53.8%	5.3	53.1%	5.3	53.5%	5.3	53.7%	5.3	57.3%	5.7	57.8%	5.7	57.9%	5.7	71.0%	8.6	71.5%	8.6

AM Peak (MOVA Adjusted Flows)

Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	89.5%	51.9	77.8%	50.8	77.8%	50.8	79.9%	53.4	82.1%	54.6	92.4%	54.6	93.1%	54.6	104.7%	147.4	107.3%	188.1
Southam Lane	86.3%	80.7	76.6%	64.6	76.6%	64.6	76.6%	64.6	81.0%	69.0	88.7%	86.0	88.7%	86.0	102.6%	172.7	102.6%	172.7
A435 South	75.7%	103.0	76.0%	96.7	79.3%	96.7	77.6%	96.7	80.3%	101.6	78.1%	101.6	79.1%	101.6	89.9%	134.2	90.9%	134.2
Hyde Lane	75.8%	103.0	76.0%	96.7	79.3%	96.7	77.6%	96.7	80.3%	101.6	78.1%	101.6	79.1%	101.6	89.9%	134.2	90.9%	134.2
Maximum/Average	89.5%	49.5	77.8%	42.9	79.3%	43.4	79.9%	43.4	82.1%	44.9	92.4%	52.2	93.1%	52.8	104.7%	99.0	107.3%	113.4

Inter-Peak

Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	59.1%	36.3	47.0%	36.3	49.1%	38.5	49.9%	38.5	50.4%	38.0	62.0%	36.9	61.9%	35.9	68.9%	36.7	72.3%	39.0
Southam Lane	55.1%	66.6	47.5%	60.5	47.5%	60.5	47.5%	60.5	48.1%	59.3	58.4%	68.1	58.4%	68.1	67.2%	73.1	67.2%	73.1
A435 South	44.7%	69.8	47.6%	69.3	47.1%	69.3	48.1%	69.3	50.6%	70.1	46.6%	71.1	47.6%	76.7	54.5%	76.8	54.1%	76.8
Hyde Lane	54.7%	69.8	47.6%	62.9	47.1%	62.9	48.1%	62.9	50.6%	63.8	57.6%	71.1	62.8%	76.7	66.9%	76.8	66.9%	76.8
Maximum/Average	59.1%	35.9	47.6%	35.2	49.1%	35.3	49.9%	35.3	50.6%	36.0	62.0%	36.5	62.8%	36.5	68.9%	38.6	72.3%	39.0

PM Peak

Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	81.5%	44.5	69.4%	47.8	69.6%	47.8	69.6%	47.8	71.3%	47.8	85.8%	46.1	85.9%	46.1	98.5%	75.3	99.4%	82.2
Southam Lane	76.9%	92.1	70.5%	81.0	70.5%	81.0	70.5%	81.0	74.4%	85.2	81.2%	99.5	81.2%	99.5	94.0%	144.2	94.0%	144.2
A435 South	78.6%	95.5	69.0%	70.9	70.3%	76.2	70.7%	76.2	70.2%	73.2	83.0%	104.5	83.0%	104.5	96.3%	159.9	96.3%	159.9
Hyde Lane	80.2%	72.4	69.8%	59.6	70.3%	59.6	70.7%	59.6	80.7%	71.3	84.7%	78.9	84.7%	78.9	98.3%	131.6	98.3%	131.6
Maximum/Average	81.5%	46.5	70.5%	43.0	70.5%	43.2	70.7%	43.2	80.7%	44.4	85.8%	49.5	85.9%	0.0	98.5%	71.9	99.4%	74.0

Junction 3 : Cheltenham Road (A435, Cheltenham Road & Miles Road)																	Appendix 9.3	
AM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	75.6%	9.6	72.8%	8.4	74.1%	9.0	74.3%	9.0	77.5%	10.2	78.8%	10.8	79.0%	11.4	91.7%	26.4	93.3%	30.6
Cheltenham Road	45.5%	4.2	43.5%	4.2	44.0%	4.2	44.1%	4.2	47.9%	4.8	48.0%	4.8	48.1%	4.8	61.0%	7.2	61.8%	7.2
A435 South	61.6%	5.4	58.7%	4.8	59.8%	5.4	60.5%	5.4	62.2%	5.4	63.4%	6.0	64.2%	6.0	72.9%	7.8	74.9%	8.4
Miles Road	1.8%	3.0	1.4%	3.0	1.4%	3.0	1.5%	3.0	1.6%	3.0	1.6%	3.6	1.6%	3.6	2.0%	3.6	2.0%	3.6
Maximum/Average	75.6%	6.8	72.8%	6.1	74.1%	6.6	74.3%	6.6	77.5%	7.2	78.8%	7.6	79.0%	7.9	91.7%	15.1	93.3%	17.1
Inter-Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	39.4%	4.2	37.7%	4.2	39.2%	4.2	39.6%	4.2	40.2%	4.2	41.7%	4.2	42.0%	4.2	47.7%	4.8	49.7%	5.4
Cheltenham Road	19.8%	2.4	19.5%	2.4	19.8%	2.4	19.8%	2.4	20.9%	2.4	21.1%	2.4	21.2%	2.4	25.2%	2.4	25.6%	2.4
A435 South	38.2%	3.6	36.7%	3.6	37.9%	3.6	38.2%	3.6	38.8%	3.6	39.9%	3.6	40.3%	3.6	45.1%	3.6	46.5%	4.2
Miles Road	1.9%	3.6	1.7%	3.6	1.8%	3.6	1.8%	3.6	1.9%	3.6	1.9%	3.6	1.9%	3.6	2.3%	4.2	2.4%	4.2
Maximum/Average	39.4%	3.5	37.7%	3.5	39.2%	3.5	39.6%	3.5	40.2%	3.5	41.7%	3.5	42.0%	3.5	47.7%	3.7	49.7%	4.2
PM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	67.5%	8.4	66.9%	8.4	67.3%	8.4	67.4%	8.4	72.0%	10.2	72.4%	10.2	72.5%	10.2	88.3%	24.0	88.8%	25.2
Cheltenham Road	25.5%	3.0	25.4%	3.0	25.4%	3.0	25.4%	3.0	27.4%	3.0	27.5%	3.0	27.5%	3.0	34.0%	3.6	34.1%	3.6
A435 South	75.8%	8.4	75.3%	7.8	75.6%	7.8	75.7%	8.4	79.6%	9.6	79.9%	9.6	80.0%	9.6	92.4%	24.0	92.6%	24.6
Miles Road	20.5%	5.4	20.3%	5.4	20.4%	5.4	20.5%	5.4	22.8%	6.0	22.9%	6.0	22.9%	6.0	32.1%	7.8	32.2%	7.8
Maximum/Average	75.8%	7.4	75.3%	7.1	75.6%	7.1	75.7%	7.4	79.6%	8.6	79.9%	8.6	80.0%	8.6	92.4%	20.0	92.6%	20.6

Junction 4 : Voxwell Lane (A435, Voxwell Lane & Stoke Orchard Road)																	APPENDIX 9.4	
AM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	81.7%	16.2	79.8%	15.0	81.2%	16.2	82.0%	16.8	85.3%	20.4	86.8%	22.8	87.6%	24.0	103.2%	100.8	105.7%	125.4
Voxwell Lane	50.2%	10.8	48.5%	10.2	49.7%	10.8	50.5%	11.4	54.4%	12.6	55.8%	13.2	56.6%	13.8	74.6%	25.8	76.2%	27.6
A435 South	46.5%	4.8	43.9%	4.8	45.8%	4.8	46.6%	4.8	46.8%	4.8	48.8%	5.4	49.6%	5.4	55.7%	6.0	58.5%	6.6
Stoke Orchard Road	59.1%	9.0	56.6%	8.4	58.7%	9.0	59.7%	9.0	60.7%	9.0	62.9%	9.6	63.9%	10.2	74.1%	14.4	77.1%	16.8
Maximum/Average	81.7%	11.0	79.8%	10.3	81.2%	11.0	82.0%	11.3	85.3%	12.9	86.8%	14.1	87.6%	14.8	103.2%	47.4	105.7%	57.6
Inter-Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	43.1%	4.8	41.0%	4.2	42.5%	4.8	43.3%	4.8	43.5%	4.8	45.1%	4.8	45.8%	4.8	51.2%	5.4	53.5%	6.0
Voxwell Lane	15.3%	4.8	14.8%	4.2	15.3%	4.2	15.4%	4.8	16.1%	4.8	16.5%	4.8	16.7%	4.8	19.9%	4.8	20.7%	5.4
A435 South	27.7%	3.6	25.9%	3.6	27.3%	3.6	27.9%	3.6	27.5%	3.6	29.0%	3.6	29.6%	3.6	32.3%	3.6	34.2%	4.2
Stoke Orchard Road	26.3%	4.8	23.2%	4.2	25.6%	4.2	26.6%	4.8	24.7%	4.2	27.3%	4.8	28.3%	4.8	29.4%	4.8	33.1%	5.4
Maximum/Average	43.1%	4.5	41.0%	4.0	42.5%	4.3	43.3%	4.5	43.5%	4.4	45.1%	4.5	45.8%	4.5	51.2%	4.7	53.5%	5.3
PM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	46.4%	5.4	46.0%	5.4	46.4%	5.4	46.3%	5.4	48.9%	5.4	49.3%	5.4	49.3%	5.4	58.1%	6.6	58.5%	7.2
Voxwell Lane	21.7%	4.8	21.6%	4.2	21.7%	4.8	21.8%	4.8	23.2%	4.8	23.4%	4.8	23.5%	4.8	28.8%	5.4	29.0%	5.4
A435 South	79.7%	12.6	78.5%	11.4	79.7%	12.6	79.8%	12.6	83.6%	15.6	84.8%	16.8	85.0%	16.8	99.3%	62.4	100.6%	73.2
Stoke Orchard Road	52.0%	8.4	50.1%	7.8	51.5%	8.4	51.9%	8.4	54.6%	9.0	56.1%	9.6	56.5%	9.6	69.1%	14.4	70.6%	15.6
Maximum/Average	79.7%	9.3	78.5%	8.6	79.7%	9.3	79.8%	9.3	83.6%	10.8	84.8%	11.5	85.0%	11.5	99.3%	34.1	100.6%	39.5

Junction 5 : Finlay Way (A435, Finlay Way & Hayfield Way)																	APPENDIX 9.5	
AM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	62.5%	7.2	60.6%	6.6	61.0%	6.6	61.8%	7.2	64.3%	7.2	64.7%	7.8	65.0%	7.8	75.6%	10.8	76.3%	11.4
Finlay Way	39.0%	6.0	37.5%	6.0	37.6%	6.0	37.9%	6.0	41.0%	6.6	41.1%	6.6	41.2%	6.6	52.7%	9.0	53.0%	9.0
A435 South	44.4%	4.8	42.8%	4.2	43.4%	4.8	43.5%	4.8	45.5%	4.8	46.1%	4.8	46.2%	4.8	53.5%	5.4	54.2%	6.0
Hayfield Way	16.9%	4.2	16.0%	4.2	16.1%	4.2	16.1%	4.2	17.4%	4.2	17.5%	4.2	17.5%	4.2	21.8%	4.8	22.0%	4.8
Maximum/Average	62.5%	6.0	60.6%	5.5	61.0%	5.7	61.8%	6.0	64.3%	6.1	64.7%	6.3	65.0%	6.3	75.6%	8.3	76.3%	8.7
Inter-Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	35.4%	0.0	33.8%	4.2	35.1%	4.2	35.7%	4.2	35.8%	4.2	37.1%	4.2	37.4%	4.2	41.9%	4.8	43.5%	4.8
Finlay Way	20.2%	0.0	19.7%	3.6	19.9%	3.6	20.0%	3.6	21.4%	3.6	21.5%	3.6	21.7%	3.6	25.9%	4.2	26.2%	4.2
A435 South	27.8%	0.0	27.2%	3.6	27.7%	3.6	27.8%	3.6	28.9%	3.6	29.4%	3.6	29.5%	3.6	33.7%	3.6	34.4%	4.2
Hayfield Way	5.1%	0.0	5.0%	3.0	5.0%	3.0	5.0%	3.0	5.4%	3.0	5.4%	3.0	5.4%	3.0	6.5%	3.6	6.5%	3.6
Maximum/Average	35.4%	0.0	33.8%	3.8	35.1%	3.8	35.7%	3.8	35.8%	3.8	37.1%	3.8	37.4%	3.8	41.9%	4.2	43.5%	4.4
PM Peak (Worst 15 Minutes)																		
Arm	2009 Operation Levels		2009 Do Nothing		2009 MES		2009 Proposal		2014 Do Nothing		2014 MES		2014 Proposal		2024 Do Nothing / Fallback		2024 Proposal	
	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)	Capacity	Delay (sec/veh)
A435 North	34.5%	4.2	34.3%	4.2	34.4%	4.2	34.4%	4.2	36.5%	4.2	36.5%	4.2	36.6%	4.2	43.0%	4.8	43.1%	4.8
Finlay Way	28.0%	4.2	28.0%	4.2	28.0%	4.2	28.0%	4.2	30.1%	4.2	30.1%	4.2	30.1%	4.2	36.1%	4.8	36.1%	4.8
A435 South	69.3%	7.8	69.1%	7.8	69.2%	7.8	69.3%	7.8	73.5%	9.6	73.6%	9.6	73.7%	9.6	86.7%	18.6	86.9%	18.6
Hayfield Way	8.0%	4.2	8.0%	4.2	8.0%	4.2	8.0%	4.2	8.9%	4.8	8.9%	4.8	8.9%	4.8	12.0%	5.4	12.0%	5.4
Maximum/Average	69.3%	6.1	69.1%	6.1	69.2%	6.1	69.3%	6.1	73.5%	7.1	73.6%	7.1	73.7%	7.1	86.7%	12.2	86.9%	12.2