

APPENDIX F
BUSINESS CASE ANALYSIS

NPV & BCR - Time Saving

BCR	Spaces/Site 500					
	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Buses Per Hour	6	4	6	4	6	4
NPV	£0	-£193,106	£0	-£1,854,379	£0	-£3,403,747
Capital Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
Other Cost	£0	£0	£0	£0	£0	£0
Total Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
BCR		0.64		0.41		0.11

BCR	Spaces/Site 1000					
	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return						
Buses Per Hour						
NPV						
Capital Cost						
Other Cost						
Total Cost						
BCR						

NPV Required to reach 1.5 BCR Target

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
NPV Req	£1,011,375	£1,011,375	£833,875	£833,875	£908,875	£908,875
BCR Target	1.50	1.50	1.50	1.50	1.50	1.50

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return	6	4	6	4	6	4
NPV Req						
BCR Target						

Capital Costs	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Buses Per Hour	6	4	6	4	6	4
Operating Cos	£0	£218,714	£0	£230,959	£0	£221,504
Net Cash Flow						
year 1	£0	-£118,714	£0	-£168,459	£0	-£204,004
year 2	£0	-£88,714	£0	-£137,209	£0	-£195,254
year 3	£0	-£18,714	£0	-£105,959	£0	-£188,504
year 4	£0	-£16,794	£0	-£104,759	£0	-£188,168
year 5	£0	-£14,855	£0	-£103,548	£0	-£185,829
year 6	£0	-£12,898	£0	-£102,324	£0	-£185,486
year 7	£0	-£10,923	£0	-£101,090	£0	-£185,140
year 8	£0	-£8,928	£0	-£99,843	£0	-£184,791
year 9	£0	-£6,914	£0	-£98,584	£0	-£184,439
year 10	£0	-£4,881	£0	-£97,313	£0	-£184,083
year 11	£0	-£2,828	£0	-£96,030	£0	-£183,724
year 12	£0	-£1,727	£0	-£95,342	£0	-£183,531
year 13	£0	-£820	£0	-£94,650	£0	-£183,337
year 14	£0	£492	£0	-£93,955	£0	-£183,143
year 15	£0	£1,810	£0	-£93,257	£0	-£182,947
year 16	£0	£2,734	£0	-£92,554	£0	-£182,750
year 17	£0	£3,663	£0	-£91,848	£0	-£182,553
year 18	£0	£4,598	£0	-£91,139	£0	-£182,354
year 19	£0	£5,539	£0	-£90,426	£0	-£182,155
year 20	£0	£6,486	£0	-£89,709	£0	-£181,954
year 21	£0	£7,439	£0	-£88,989	£0	-£181,752
year 22	£0	£8,398	£0	-£88,364	£0	-£181,577
year 23	£0	£9,363	£0	-£87,737	£0	-£181,402
year 24	£0	£10,334	£0	-£87,107	£0	-£181,225
year 25	£0	£11,311	£0	-£86,474	£0	-£181,048
year 26	£0	£12,294	£0	-£85,838	£0	-£180,870
year 27	£0	£13,283	£0	-£85,199	£0	-£180,691
year 28	£0	£14,278	£0	-£84,558	£0	-£180,511
year 29	£0	£15,279	£0	-£83,914	£0	-£180,331
year 30	£0	£16,286	£0	-£83,267	£0	-£180,150
		£3,610,776				

Total Revenues

Year	Traffic Grc M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road		
	1		£0	£100,000	£0	£82,500	£0
2			£0	£150,000	£0	£93,750	£0
3				£0	£200,000	£0	£125,000
4	0.96%			£0	£201,920	£0	£126,200
5	0.96%			£0	£203,858	£0	£127,412
6	0.96%			£0	£205,815	£0	£128,635
7	0.96%			£0	£207,791	£0	£129,870
8	0.96%			£0	£209,786	£0	£131,116
9	0.96%			£0	£211,800	£0	£132,375
10	0.96%			£0	£213,833	£0	£133,646
11	0.96%			£0	£215,886	£0	£134,929
12	0.51%			£0	£216,987	£0	£135,617
13	0.51%			£0	£218,094	£0	£136,309
14	0.51%			£0	£219,208	£0	£137,004
15	0.51%			£0	£220,324	£0	£137,703
16	0.51%			£0	£221,448	£0	£138,405
17	0.51%			£0	£222,577	£0	£139,111
18	0.51%			£0	£223,712	£0	£139,820
19	0.51%			£0	£224,853	£0	£140,533
20	0.51%			£0	£226,000	£0	£141,250
21	0.51%			£0	£227,152	£0	£141,970
22	0.44%			£0	£228,312	£0	£142,695
23	0.44%			£0	£229,478	£0	£143,425
24	0.44%			£0	£230,649	£0	£144,159
25	0.44%			£0	£231,824	£0	£144,896
26	0.44%			£0	£233,004	£0	£145,636
27	0.44%			£0	£234,188	£0	£146,379
28	0.44%			£0	£235,376	£0	£147,124
29	0.44%			£0	£236,568	£0	£147,871
30	0.44%			£0	£237,764	£0	£148,620
				£3,829,490.02	£2,393,431.26	£670,160.75	

NPV & BCR - Fare Reduction

BCR	Spaces/Site 500					
	M20 J9 The Warren	M20 J10 Waterbrook		A28 Chart Road		
Rate of Return	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Buses Per Hour	6	4	6	4	6	4
NPV	£0	-£359,004	£0	-£2,237,326	£0	-£3,499,484
Capital Cost	£2,022,750	£2,022,750	£1,867,750	£1,867,750	£1,817,750	£1,817,750
Other Cost	£0	£0	£0	£0	£0	£0
Total Cost	£2,022,750	£2,022,750	£1,867,750	£1,867,750	£1,817,750	£1,817,750
BCR		0.51		0.34		0.10

BCR	Spaces/Site 1000					
	M20 J9 The Warren	M20 J10 Waterbrook		A28 Chart Road		
Rate of Return						
Buses Per Hour						
NPV						
Capital Cost						
Other Cost						
Total Cost						
BCR						

NPV Required to reach 1.5 BCR Target

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
NPV Req	£1,011,375	£1,011,375	£833,875	£833,875	£908,875	£908,875
BCR Target	1.50	1.50	1.50	1.50	1.50	1.50

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
Rate of Return						
NPV Req						
BCR Target						

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
Capital Costs						
Buses Per Hour						
Operating Cos	£0	£218,714	£0	£230,959	£0	£221,504
Net Cash Flow						
year 1	£0	-£138,714	£0	-£178,459	£0	-£206,504
year 2	£0	-£98,714	£0	-£152,209	£0	-£199,004
year 3	£0	-£58,714	£0	-£125,959	£0	-£191,504
year 4	£0	-£57,178	£0	-£124,951	£0	-£191,216
year 5	£0	-£55,827	£0	-£123,933	£0	-£190,925
year 6	£0	-£54,982	£0	-£122,906	£0	-£190,631
year 7	£0	-£52,481	£0	-£121,869	£0	-£190,335
year 8	£0	-£50,885	£0	-£120,821	£0	-£190,036
year 9	£0	-£49,274	£0	-£119,764	£0	-£189,734
year 10	£0	-£47,847	£0	-£118,697	£0	-£189,429
year 11	£0	-£46,005	£0	-£117,619	£0	-£189,121
year 12	£0	-£45,124	£0	-£117,041	£0	-£188,956
year 13	£0	-£44,239	£0	-£116,460	£0	-£188,790
year 14	£0	-£43,349	£0	-£115,876	£0	-£188,623
year 15	£0	-£42,455	£0	-£115,289	£0	-£188,455
year 16	£0	-£41,556	£0	-£114,699	£0	-£188,287
year 17	£0	-£40,652	£0	-£114,106	£0	-£188,117
year 18	£0	-£39,744	£0	-£113,510	£0	-£187,947
year 19	£0	-£38,831	£0	-£112,911	£0	-£187,776
year 20	£0	-£37,914	£0	-£112,309	£0	-£187,604
year 21	£0	-£36,992	£0	-£111,704	£0	-£187,431
year 22	£0	-£36,192	£0	-£111,179	£0	-£187,281
year 23	£0	-£35,389	£0	-£110,652	£0	-£187,130
year 24	£0	-£34,583	£0	-£110,123	£0	-£186,979
year 25	£0	-£33,772	£0	-£109,591	£0	-£186,827
year 26	£0	-£32,959	£0	-£109,057	£0	-£186,675
year 27	£0	-£32,141	£0	-£108,521	£0	-£186,521
year 28	£0	-£31,320	£0	-£107,982	£0	-£186,368
year 29	£0	-£30,498	£0	-£107,441	£0	-£186,213
year 30	£0	-£29,668	£0	-£106,898	£0	-£186,058
		£2,844,878				

Total Revenues

Year	Traffic Gro	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
1		£0	£80,000	£0	£52,500	£0	£15,000
2		£0	£120,000	£0	£78,750	£0	£22,500
3		£0	£160,000	£0	£105,000	£0	£30,000
4	0.06%	£0	£161,536	£0	£106,008	£0	£30,288
5	0.06%	£0	£163,087	£0	£107,026	£0	£30,579
6	0.06%	£0	£164,652	£0	£108,053	£0	£30,872
7	0.06%	£0	£166,233	£0	£109,090	£0	£31,169
8	0.06%	£0	£167,829	£0	£110,138	£0	£31,468
9	0.06%	£0	£169,440	£0	£111,195	£0	£31,770
10	0.06%	£0	£171,067	£0	£112,262	£0	£32,075
11	0.06%	£0	£172,709	£0	£113,340	£0	£32,383
12	0.51%	£0	£173,590	£0	£113,918	£0	£32,548
13	0.51%	£0	£174,475	£0	£114,499	£0	£32,714
14	0.51%	£0	£175,365	£0	£115,083	£0	£32,881
15	0.51%	£0	£176,259	£0	£115,670	£0	£33,049
16	0.51%	£0	£177,158	£0	£116,260	£0	£33,217
17	0.51%	£0	£178,062	£0	£116,853	£0	£33,387
18	0.51%	£0	£178,970	£0	£117,449	£0	£33,557
19	0.51%	£0	£179,882	£0	£118,048	£0	£33,728
20	0.51%	£0	£180,800	£0	£118,650	£0	£33,900
21	0.51%	£0	£181,722	£0	£119,255	£0	£34,073
22	0.44%	£0	£182,522	£0	£119,780	£0	£34,223
23	0.44%	£0	£183,325	£0	£120,307	£0	£34,373
24	0.44%	£0	£184,131	£0	£120,836	£0	£34,525
25	0.44%	£0	£184,941	£0	£121,368	£0	£34,677
26	0.44%	£0	£185,755	£0	£121,902	£0	£34,829
27	0.44%	£0	£186,521	£0	£122,438	£0	£34,982
28	0.44%	£0	£187,393	£0	£122,977	£0	£35,136
29	0.44%	£0	£188,218	£0	£123,518	£0	£35,291
30	0.44%	£0	£189,046	£0	£124,062	£0	£35,446
			£3,063,592.01		£2,010,482.26		£574,423.50

NPV & BCR - Park Charge Increas

BCR	Spaces/Site 500					
	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Buses Per Hour	6	4	6	4	6	4
NPV	£0	£1,242,953	£0	-£897,006	£0	-£3,116,535
Capital Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
Other Cost	£0	£0	£0	£0	£0	£0
Total Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
BCR		0.88		0.57		0.16

BCR	Spaces/Site 1000					
	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return						
Buses Per Hour						
NPV						
Capital Cost						
Other Cost						
Total Cost						
BCR						

NPV Required to reach 1.5 BCR Target						
	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
NPV Req	£1,011,375	£1,011,375	£833,875	£833,875	£908,875	£908,875
BCR Target	1.50	1.50	1.50	1.50	1.50	1.50

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Rate of Return	6	4	6	4	6	4
NPV Req						
BCR Target						

Capital Costs	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
Buses Per Hour	6	4	6	4	6	4
Operating Cos	£0	£218,714	£0	£230,959	£0	£221,504
Net Cash Flow						
year 1	£0	-£81,214	£0	-£143,459	£0	-£196,504
year 2	£0	-£12,464	£0	-£99,709	£0	-£184,004
year 3	£0	£58,288	£0	-£55,959	£0	-£171,504
year 4	£0	£58,926	£0	-£54,279	£0	-£171,024
year 5	£0	£81,591	£0	-£52,583	£0	-£170,539
year 6	£0	£64,282	£0	-£50,871	£0	-£170,050
year 7	£0	£88,999	£0	-£49,142	£0	-£169,556
year 8	£0	£89,742	£0	-£47,396	£0	-£169,057
year 9	£0	£72,511	£0	-£45,634	£0	-£168,554
year 10	£0	£75,307	£0	-£43,855	£0	-£168,045
year 11	£0	£78,130	£0	-£42,059	£0	-£167,532
year 12	£0	£79,843	£0	-£41,095	£0	-£167,257
year 13	£0	£81,185	£0	-£40,127	£0	-£166,980
year 14	£0	£82,694	£0	-£39,154	£0	-£166,702
year 15	£0	£84,232	£0	-£38,176	£0	-£166,423
year 16	£0	£85,777	£0	-£37,192	£0	-£166,142
year 17	£0	£87,330	£0	-£36,204	£0	-£165,860
year 18	£0	£88,890	£0	-£35,211	£0	-£165,576
year 19	£0	£90,459	£0	-£34,213	£0	-£165,291
year 20	£0	£92,036	£0	-£33,209	£0	-£165,004
year 21	£0	£93,621	£0	-£32,201	£0	-£164,716
year 22	£0	£94,995	£0	-£31,326	£0	-£164,486
year 23	£0	£96,375	£0	-£30,448	£0	-£164,215
year 24	£0	£97,762	£0	-£29,566	£0	-£163,963
year 25	£0	£99,154	£0	-£28,679	£0	-£163,710
year 26	£0	£100,553	£0	-£27,789	£0	-£163,455
year 27	£0	£101,958	£0	-£26,895	£0	-£163,200
year 28	£0	£103,369	£0	-£25,996	£0	-£162,943
year 29	£0	£104,786	£0	-£25,096	£0	-£162,686
year 30	£0	£106,209	£0	-£24,190	£0	-£162,427
		£5,046,835				

Total Revenues

Year	Traffic Gro M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	1	£0	£137,500	£0	£87,500	£0
2	£0	£206,250	£0	£131,250	£0	£37,500
3	£0	£275,000	£0	£175,000	£0	£50,000
4	0.96%	£277,640	£0	£176,680	£0	£50,480
5	0.96%	£280,305	£0	£178,376	£0	£50,965
6	0.96%	£282,996	£0	£180,069	£0	£51,454
7	0.96%	£285,713	£0	£181,817	£0	£51,948
8	0.96%	£288,456	£0	£183,563	£0	£52,447
9	0.96%	£291,225	£0	£185,325	£0	£52,950
10	0.96%	£294,021	£0	£187,104	£0	£53,458
11	0.96%	£296,843	£0	£188,900	£0	£53,972
12	0.51%	£298,357	£0	£189,864	£0	£54,247
13	0.51%	£299,879	£0	£190,832	£0	£54,523
14	0.51%	£301,408	£0	£191,805	£0	£54,802
15	0.51%	£302,946	£0	£192,784	£0	£55,081
16	0.51%	£304,491	£0	£193,767	£0	£55,362
17	0.51%	£306,043	£0	£194,755	£0	£55,644
18	0.51%	£307,604	£0	£195,748	£0	£55,928
19	0.51%	£309,173	£0	£196,746	£0	£56,213
20	0.51%	£310,750	£0	£197,750	£0	£56,500
21	0.51%	£312,335	£0	£198,758	£0	£56,788
22	0.44%	£313,709	£0	£199,633	£0	£57,038
23	0.44%	£315,089	£0	£200,511	£0	£57,289
24	0.44%	£316,476	£0	£201,394	£0	£57,541
25	0.44%	£317,868	£0	£202,280	£0	£57,794
26	0.44%	£319,267	£0	£203,170	£0	£58,048
27	0.44%	£320,672	£0	£204,064	£0	£58,304
28	0.44%	£322,082	£0	£204,962	£0	£58,560
29	0.44%	£323,500	£0	£205,863	£0	£58,818
30	0.44%	£324,923	£0	£206,769	£0	£59,077
		£5,265,548.77		£3,350,803.77		£957,372.50

NPV & BCR - Composite2

BCR	Spaces/Site 500		
	M20 J9 The Warren	M20 J10 Waterbrook	A28 Chart Road
Rate of Return	3.50%	3.50%	3.50%
Buses Per Hour	6	4	6
NPV	£0	£879,151	£0
Capital Cost	£2,022,750	£1,667,750	£1,817,750
Other Cost	£0	£0	£0
Total Cost	£2,022,750	£1,667,750	£1,817,750
BCR	0.82	0.61	0.14

BCR	Spaces/Site 1000		
	M20 J9 The Warren	M20 J10 Waterbrook	A28 Chart Road
Rate of Return			
Buses Per Hour			
NPV			
Capital Cost			
Other Cost			
Total Cost			
BCR			

NPV Required to reach 1.5 BCR Target

	M20 J9 The Warren			M20 J10 Waterbrook			A28 Chart Road		
	6	4	6	4	6	4	6	4	
NPV Req	£1,011,375	£1,011,375	£833,875	£833,875	£908,875	£908,875	£908,875	£908,875	
BCR Target	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	

	M20 J9 The Warren			M20 J10 Waterbrook			A28 Chart Road		
	6	4	6	4	6	4	6	4	
Rate of Return									
NPV Req									
BCR Target									

Capital Costs	M20 J9 The Warren			M20 J10 Waterbrook			A28 Chart Road		
	6	4	6	4	6	4	6	4	
Buses Per Hour	6	4	6	4	6	4	6	4	
Operating Cos	£0	£218,714	£0	£230,959	£0	£221,504			
Net Cash Flow									
year 1	£0	£-90,714	£0	£-137,209	£0	£-109,504			
year 2	£0	£-26,714	£0	£-90,334	£0	£-188,504			
year 3	£0	£37,288	£0	£-43,459	£0	£-177,504			
year 4	£0	£39,744	£0	£-41,859	£0	£-177,081			
year 5	£0	£42,225	£0	£-39,842	£0	£-176,855			
year 6	£0	£44,730	£0	£-38,007	£0	£-176,224			
year 7	£0	£47,259	£0	£-36,155	£0	£-175,790			
year 8	£0	£49,812	£0	£-34,285	£0	£-175,351			
year 9	£0	£52,390	£0	£-32,397	£0	£-174,908			
year 10	£0	£54,993	£0	£-30,490	£0	£-174,460			
year 11	£0	£57,620	£0	£-28,566	£0	£-174,009			
year 12	£0	£59,030	£0	£-27,534	£0	£-173,767			
year 13	£0	£60,446	£0	£-26,496	£0	£-173,523			
year 14	£0	£61,870	£0	£-25,453	£0	£-173,278			
year 15	£0	£63,301	£0	£-24,405	£0	£-173,033			
year 16	£0	£64,739	£0	£-23,352	£0	£-172,785			
year 17	£0	£66,185	£0	£-22,293	£0	£-172,537			
year 18	£0	£67,638	£0	£-21,229	£0	£-172,287			
year 19	£0	£69,098	£0	£-20,159	£0	£-172,036			
year 20	£0	£70,566	£0	£-19,084	£0	£-171,784			
year 21	£0	£72,041	£0	£-18,004	£0	£-171,530			
year 22	£0	£73,321	£0	£-17,067	£0	£-171,310			
year 23	£0	£74,606	£0	£-16,128	£0	£-171,090			
year 24	£0	£75,896	£0	£-15,180	£0	£-170,868			
year 25	£0	£77,192	£0	£-14,231	£0	£-170,645			
year 26	£0	£78,494	£0	£-13,277	£0	£-170,421			
year 27	£0	£79,802	£0	£-12,319	£0	£-170,196			
year 28	£0	£81,116	£0	£-11,357	£0	£-169,971			
year 29	£0	£82,435	£0	£-10,391	£0	£-169,744			
year 30	£0	£83,760	£0	£-9,421	£0	£-169,516			
		£4,683,033							

Total Revenues

Year	Traffic Gro M20 J9 The Warren			M20 J10 Waterbrook			A28 Chart Road		
1		£0	£128,000	£0	£93,750	£0	£22,000		
2		£0	£192,000	£0	£140,625	£0	£33,000		
3		£0	£258,000	£0	£187,500	£0	£44,000		
4	0.96%	£0	£258,458	£0	£189,300	£0	£44,422		
5	0.96%	£0	£260,939	£0	£191,117	£0	£44,849		
6	0.96%	£0	£263,444	£0	£192,952	£0	£45,279		
7	0.96%	£0	£265,973	£0	£194,804	£0	£45,714		
8	0.96%	£0	£268,526	£0	£196,674	£0	£46,153		
9	0.96%	£0	£271,104	£0	£198,563	£0	£46,596		
10	0.96%	£0	£273,707	£0	£200,469	£0	£47,043		
11	0.96%	£0	£276,334	£0	£202,393	£0	£47,495		
12	0.51%	£0	£277,744	£0	£203,425	£0	£47,737		
13	0.51%	£0	£279,160	£0	£204,463	£0	£47,981		
14	0.51%	£0	£280,584	£0	£205,506	£0	£48,225		
15	0.51%	£0	£282,015	£0	£206,554	£0	£48,471		
16	0.51%	£0	£283,453	£0	£207,607	£0	£48,718		
17	0.51%	£0	£284,899	£0	£208,666	£0	£48,967		
18	0.51%	£0	£286,352	£0	£209,730	£0	£49,217		
19	0.51%	£0	£287,812	£0	£210,800	£0	£49,468		
20	0.51%	£0	£289,280	£0	£211,875	£0	£49,720		
21	0.51%	£0	£290,755	£0	£212,955	£0	£49,974		
22	0.44%	£0	£292,034	£0	£213,892	£0	£50,193		
23	0.44%	£0	£293,319	£0	£214,834	£0	£50,414		
24	0.44%	£0	£294,610	£0	£215,779	£0	£50,636		
25	0.44%	£0	£295,906	£0	£216,728	£0	£50,859		
26	0.44%	£0	£297,208	£0	£217,682	£0	£51,083		
27	0.44%	£0	£298,516	£0	£218,640	£0	£51,307		
28	0.44%	£0	£299,829	£0	£219,602	£0	£51,533		
29	0.44%	£0	£301,149	£0	£220,568	£0	£51,760		
30	0.44%	£0	£302,474	£0	£221,538	£0	£51,988		
			£4,901,747.22		£3,590,146.89		£842,487.80		

BCR	Spaces/Site 500					
	M20 J9 The Warren	M20 J10 Waterbrook	M20 J10 Waterbrook	A28 Chart Road	A28 Chart Road	A28 Chart Road
Rate of Return	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Buses Per Hour	6	4	6	4	6	4
NPV	£0	£4,421,430	£0	-£657,663	£0	-£3,291,420
Capital Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
Other Cost	£0	£0	£0	£0	£0	£0
Total Cost	£2,022,750	£2,022,750	£1,667,750	£1,667,750	£1,817,750	£1,817,750
BCR		1.41		0.61		0.14

BCR	Spaces/Site 1000					
	M20 J9 The Warren	M20 J10 Waterbrook	M20 J10 Waterbrook	A28 Chart Road	A28 Chart Road	A28 Chart Road
Rate of Return						
Buses Per Hour						
NPV						
Capital Cost						
Other Cost						
Total Cost						
BCR						

NPV Required to reach 1.5 BCR Target

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
NPV Req	£1,011,375	£1,011,375	£833,875	£833,875	£908,875	£908,875
BCR Target	1.50	1.50	1.50	1.50	1.50	1.50

	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
Rate of Return						
NPV Req						
BCR Target						

Capital Costs	M20 J9 The Warren		M20 J10 Waterbrook		A28 Chart Road	
	6	4	6	4	6	4
Buses Per Hour						
Operating Cos	£0	£218,714	£0	£230,959	£0	£221,504
Net Cash Flow						
year 1	£0	£1,786	£0	-£137,209	£0	-£199,504
year 2	£0	£112,036	£0	-£90,334	£0	-£188,504
year 3	£0	£222,286	£0	-£43,459	£0	-£177,504
year 4	£0	£226,520	£0	-£41,659	£0	-£177,081
year 5	£0	£230,794	£0	-£39,842	£0	-£176,655
year 6	£0	£235,109	£0	-£38,007	£0	-£176,224
year 7	£0	£239,466	£0	-£36,155	£0	-£175,790
year 8	£0	£243,864	£0	-£34,285	£0	-£175,351
year 9	£0	£248,305	£0	-£32,397	£0	-£174,908
year 10	£0	£252,789	£0	-£30,490	£0	-£174,460
year 11	£0	£257,315	£0	-£28,566	£0	-£174,009
year 12	£0	£259,743	£0	-£27,534	£0	-£173,767
year 13	£0	£262,183	£0	-£26,496	£0	-£173,523
year 14	£0	£264,635	£0	-£25,453	£0	-£173,278
year 15	£0	£267,101	£0	-£24,405	£0	-£173,033
year 16	£0	£269,578	£0	-£23,352	£0	-£172,785
year 17	£0	£272,068	£0	-£22,293	£0	-£172,537
year 18	£0	£274,571	£0	-£21,229	£0	-£172,287
year 19	£0	£277,087	£0	-£20,159	£0	-£172,036
year 20	£0	£279,616	£0	-£19,084	£0	-£171,784
year 21	£0	£282,157	£0	-£18,004	£0	-£171,530
year 22	£0	£284,361	£0	-£17,067	£0	-£171,310
year 23	£0	£286,575	£0	-£16,126	£0	-£171,090
year 24	£0	£288,798	£0	-£15,180	£0	-£170,868
year 25	£0	£291,031	£0	-£14,231	£0	-£170,645
year 26	£0	£293,274	£0	-£13,277	£0	-£170,421
year 27	£0	£295,527	£0	-£12,319	£0	-£170,196
year 28	£0	£297,789	£0	-£11,357	£0	-£169,971
year 29	£0	£300,062	£0	-£10,391	£0	-£169,744
year 30	£0	£302,344	£0	-£9,421	£0	-£169,516

Total Revenues

Year	Traffic Gro M20 J9 The Warren	M20 J10 Waterbrook	A28 Chart Road
1	£0	£220,500	£0
2	£0	£330,750	£0
3	£0	£441,000	£0
4	0.96%	£445,234	£0
5	0.96%	£449,508	£0
6	0.96%	£453,823	£0
7	0.96%	£458,180	£0
8	0.96%	£462,578	£0
9	0.96%	£467,019	£0
10	0.96%	£471,502	£0
11	0.96%	£476,029	£0
12	0.51%	£478,457	£0
13	0.51%	£480,897	£0
14	0.51%	£483,349	£0
15	0.51%	£485,814	£0
16	0.51%	£488,292	£0
17	0.51%	£490,782	£0
18	0.51%	£493,285	£0
19	0.51%	£495,801	£0
20	0.51%	£498,330	£0
21	0.51%	£500,871	£0
22	0.44%	£503,075	£0
23	0.44%	£505,289	£0
24	0.44%	£507,512	£0
25	0.44%	£509,745	£0
26	0.44%	£511,988	£0
27	0.44%	£514,241	£0
28	0.44%	£516,503	£0
29	0.44%	£518,776	£0
30	0.44%	£521,058	£0
		£8,444,025.49	£3,590,146.89
			£842,487.80

