

Route	City - Blanco	
Terminals	City - Blanco	
Route Description	Start South on Cradock Street	Start East on Voortrekker Street
	Turn Right West on Market Street	Turn Left North on Factory Street
	Turn Right North on Meade Street	Turn Right East on George Street
	Turn Left West on Courtenay (N12) Road	Turn Left East on Wilfontein Road
	Continue West on Davidson (N12) Road	Turn Right East on C J Langenhoven (N12) Road
	Continue West on C J Langenhoven (N12) Road	Continue East on Davidson (N12) Road
	Turn Left West on Wilfontein Road	Continue East on Courtenay (N12) Road
	Turn Right West on George Street	Turn Right South on Cradock Street
	Continue North on Montagu (R404) Road	Turn Right West on Market Street
	Turn Left West on Crystal Avenue	Turn Right North on Meade Street
	Continue West on (Crystal Avenue)	Turn Left West on Courtenay (N12) Road
	Continue West on (Crystal Avenue)	Continue West on Davidson (N12) Road
	Turn Left South on (Crystal Avenue)	Continue West on C J Langenhoven (N12) Road
	Continue South on (Crystal Avenue)	Turn Left West on Wilfontein Road
	Continue East on (Maitland Street)	Turn Right West on George Street
	Continue East on (Maitland Street)	Continue North on Montagu (R404) Road
	Continue East on Maitland Street	Turn Left West on Crystal Avenue
	Turn Right South on Montagu (R404) Road	Continue West on (Crystal Avenue)
	Turn Left East on Voortrekker Street	Continue West on (Crystal Avenue)
	Turn Left North on Factory Street	Turn Left South on (unknown)
	Turn Right East on George Street	Continue South on (unknown)
	Turn Left East on Wilfontein Road	Continue East on (Maitland Street)
	Turn Right East on C J Langenhoven (N12) Road	Continue East on (Maitland Street)
	Continue East on Davidson (N12) Road	Continue East on Maitland Street
	Continue East on Courtenay (N12) Road	Turn Right South on Montagu (R404) Road
	Turn Right South on Cradock Street	

Estimated Passenger Demand								
TIME FRAME	Required Capacity at Mode Share				Required Trips at Mode Share			
	15%	30%	45%	60%	15%	30%	45%	60%
	Preferred Vehicle Capacity				Optimum Fleet			
04:00 - 05:00	0	0	0	0	0	0	0	0
05:00 - 06:00	0	0	0	0	0	0	0	0
06:00 - 07:00	177	353	530	707	5	8	11	14
07:00 - 08:00	588	1177	1765	2354	6	10	14	19
08:00 - 09:00	125	250	375	500	5	8	11	14
09:00 - 10:00	16	32	48	64	2	2	2	2
10:00 - 11:00	1	2	3	5	1	1	1	1
11:00 - 12:00	3	7	10	14	1	1	1	2
12:00 - 13:00	13	25	38	50	1	2	2	2
13:00 - 14:00	73	147	220	293	2	3	4	5
14:00 - 15:00	276	552	828	1105	5	8	11	15
15:00 - 16:00	62	124	186	247	2	3	3	4
16:00 - 17:00	135	270	406	541	3	5	6	8
17:00 - 18:00	253	506	760	1013	5	8	10	14
18:00 - 19:00	85	170	254	339	3	4	4	5
19:00 - 20:00	26	53	79	105	2	2	2	2
20:00 - 21:00	5	9	14	18	1	1	2	2
21:00 - 22:00	2	5	7	9	1	1	1	1
22:00 - 23:00	3	7	10	14	1	1	1	2
23:00 - 00:00	2	5	7	9	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	588	1,177	1,765	2,354	47	69	87	113
Preferred fleet	Veh. Cap				125,333	100,364	92,8	100,444
	Vehs	15	0	0	0	0	0	0
		45	3	3	2	2		
		90	3	8	13	16		
	15	0	0	0	0			
	Trips / Wk Day	45	35	33	25	28		
90		12	36	62	85			
Km pa / veh	15	0	0	0	0			
	45	58240	54912	62400	69898			
	90	19968	22464	23808	26520			

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	5.5	8.9	12.2	15.5
	6.7	11.1	15.5	21.1
	5.5	8.9	12.2	15.5
	2.2	2.2	2.2	2.2
	1.1	1.1	1.1	1.1
	1.1	1.1	1.1	2.2
	1.1	2.2	2.2	2.2
	2.2	3.3	4.4	5.5
	5.5	8.9	12.2	16.6
	2.2	3.3	3.3	4.4
	3.3	5.5	6.7	8.9
	5.5	8.9	11.1	15.5
	3.3	4.4	4.4	5.5
	2.2	2.2	2.2	2.2
	1.1	1.1	2.2	2.2
	1.1	1.1	1.1	1.1
	1.1	1.1	1.1	2.2
	1.1	1.1	1.1	1.1
	0.0	0.0	0.0	0.0
Driver Hrs/day	53	77	97	126
Driver Hrs/week	390	540	680	890
Driver Hrs/yr	19,760	28,080	35,360	46,280
Drivers (min)	11	15	19	25
Drivers (prac.)	13	17	21	28
Drivers/veh	2.17	1.55	1.40	1.56

Work hours per driver year
1,880.00 @ 47 working weeks average p.a.

Operating Information			
Round Trip Route Length	16 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	24	0.5	12
Terminal B	1	5	5
No of Intermediate stops	16	0.5	8
Total dwell time per cycle			28 Minutes
Travel Time	Estimated Travel Time at	35 km/h	27 Minutes
Estimated Cycle Time (Hours)			0.92
Performance	Average Travel Speed	17 km/hr	
	Effective Travel speed over full route excluding terminal time	35 km/hr	

Note: Annual veh kms for this route only. Vehicle km will depend on deployment across all routes.
39104 31313.5 28953.6 31338.7

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)							
Time	Weekdays			Time	Saturdays		
06h00-09h00	15	5	Mixed	06h00-07h00	60	60	Mixed
09h00-16h00	30	20	Mixed	07h00-13h00	15	5	Mixed
16h00-18h00	15	10	Mixed	13h00-18h00	45	35	15
18h00-24h00	45	35	Mixed	18h00-24h00	45	35	15
24h00-06h00	Metered Taxi Service Only			24h00-06h00	Metered Taxi Service Only		
Sundays and Public Holidays							
Time	Sundays			Public Holidays			
06h00-24h00	60	60	15	30/30/15			
24h00-06h00	Metered Taxi Service Only			Metered Taxi Service Only			
Notes: * Sunday timetables to be adapted to community needs, (e.g. Church)							



GEORGE MUNICIPALITY
& WESTERN CAPE PROVINCIAL ADMINISTRATION

GEORGE MOBILITY STRATEGY

ROUTE 2 : CITY - BLANCO