

Route	Ballots View Community	
Terminals	Ballots View Community	
Route Description	Start West on Thomas Street	Start South on Sandkraal Street
	Turn Left South on Noag Street	Turn Left East on Streepkoppie Street
	Turn Right West on Versveld Street	Turn Right South on Kwartel Street
	Turn Left South on Anderson Street	Turn Left East on Fiskaal Street
	Continue South on Vuyani Ncamazana Street	Turn Right East on Rotary Street
	Continue East on Main Street	Turn Right South on Circular Drive
	Turn Right South on Golf Street	Turn Left East on Ballot Street
	Turn Left West on Ballot Street	Turn Right South on Golf Street
	Turn Right North on Circular Drive	Turn Left West on Main Street
	Turn Left West on Rotary Street	Continue West on Vuyani Ncamazana Street
	Turn Left West on Fiskaal Street	Continue North on Anderson Street
Turn Right North on Kwartel Street	Turn Right East on Versveld Street	
Turn Left West on Streepkoppie Street	Turn Left North on Noag Street	
Turn Right North on Sandkraal Street	Turn Right East on Thomas Street	

TIME FRAME	Estimated Passenger Demand							
	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	30	60	90	120	2	3	3	3
07:00 - 08:00	100	200	300	400	3	4	3	4
08:00 - 09:00	21	42	64	85	2	3	3	3
09:00 - 10:00	3	5	8	11	1	1	1	1
10:00 - 11:00	0	0	1	1	1	1	1	1
11:00 - 12:00	1	1	2	2	1	1	1	1
12:00 - 13:00	2	4	6	9	1	1	1	1
13:00 - 14:00	12	25	37	50	1	2	2	2
14:00 - 15:00	47	94	141	188	2	4	3	3
15:00 - 16:00	11	21	32	42	1	2	2	2
16:00 - 17:00	23	46	69	92	2	2	2	2
17:00 - 18:00	43	86	129	172	2	3	3	3
18:00 - 19:00	14	29	43	58	2	3	2	2
19:00 - 20:00	4	9	13	18	1	1	2	2
20:00 - 21:00	1	2	2	3	1	1	1	1
21:00 - 22:00	0	1	1	2	1	1	1	1
22:00 - 23:00	1	1	2	2	1	1	1	1
23:00 - 00:00	0	1	1	2	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	100	200	300	400	26	35	33	34

Preferred fleet	Veh. Cap		53.7333		54.25		51.15		52.7	
	Vehs	15	2	2	2	0	0	0	0	0
		45	1	2	2	2	2	2	2	2
		90	0	0	0	2	2	2	2	2
	15	21	23	0	0	0	0	0	0	0
Trips / Wk Day	45	5	12	27	23					
	90	0	0	6	11					
	15	20312	22246	0	0					
Km pa / veh	45	9672	11607	26115	22246					
	90	0	0	5804	10640					

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	1.6	2.4	2.4	2.4
	2.4	3.2	2.4	3.2
	1.6	2.4	2.4	2.4
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	1.6	1.6	1.6
	1.6	3.2	2.4	2.4
	0.8	1.6	1.6	1.6
	1.6	1.6	1.6	1.6
	1.6	2.4	2.4	2.4
	1.6	2.4	1.6	1.6
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.0	0.0	0.0	0.0

Driver Hrs/day	21	28	27	27
Driver Hrs/week	150	200	190	190
Driver Hrs/yr	7,800	10,400	9,880	9,880
Drivers (min)	5	6	6	6
Drivers (prac.)	6	7	7	7
Drivers/veh	2.00	1.75	1.75	1.75

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

Operating Information				
Round Trip Route Length	6 km			
Stops	No.	Dwell	Total Dwell	
Terminal A	1	3	3	
No of Intermediate stops	21	0.5	10.5	
Terminal B	1	5	5	
No of Intermediate stops	21	0.5	10.5	
Total dwell time per cycle			29 Minutes	
Travel Time	Estimated Travel Time at	35	km/h	11 Minutes
Estimated Cycle Time (Hours)			0.66	
Performance	Average Travel Speed	9 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.
16764.8 16926 15958.8 16442.4

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)						
Time	Weekdays			Time	Saturdays	
06h00-09h00	30	15	Mixed	06h00-07h00	60	Mixed
09h00-16h00	40	35	Mixed	07h00-13h00	30	Mixed
16h00-18h00	30	20	Mixed	13h00-18h00	50	15
18h00-24h00	50	45	Mixed	18h00-24h00	50	45
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 51 : BALLOTS VIEW COMMUNITY