Route	Heather Park Community	
Terminals	**Heather Park Community**	
Route Description	Start South on Airway Road	Start North on Airway Road
	Turn Left East on Meent Street	Continue East on Witfontein Road
	Turn Left North on Pine Road	Turn Right East on C J Langenhoven (N12) Road
	Turn Right East on Witfontein Road	Turn Left North on Heather Road
	Turn Right East on C J Langenhoven (N12) Road	Turn Right East on Erica Road
	Continue East on Davidson (N12) Road	Turn Left North on Myrtle Road
	Turn Left North on Arbour Road	Turn Right East on Plantation Road
	Turn Left West on Barrie Road	Turn Left North on Barrie Road
	Turn Right West on Plantation Road	Turn Right South on Arbour Road
	Turn Left South on Myrtle Road	Turn Right West on Davidson (N12) Road
	Turn Right West on Erica Road	Continue West on C J Langenhoven (N12) Road
	Turn Left South on Heather Road	Turn Left West on Witfontein Road
	Turn Right West on C J Langenhoven (N12) Road	Turn Left South on Pine Road
	Turn Left West on Witfontein Road	Turn Right West on Meent Street
	Continue West on Airway Road	Turn Right North on Airway Road

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	16	32	48	64	2	2	2	2
07:00 - 08:00	53	106	159	212	3	3	2	3
08:00 - 09:00	11	23	34	45	2	2	2	2
09:00 - 10:00	1	3	4	6	1	1	1	1
10:00 - 11:00	0	0	0	0	1	1	1	1
11:00 - 12:00	0	1	1	1	1	1	1	1
12:00 - 13:00	1	2	3	5	1	1	1	1
13:00 - 14:00	7	13	20	26	1	2	2	2
14:00 - 15:00	25	50	75	100	2	2	2	2
15:00 - 16:00	6	11	17	22	1	1	2	2
16:00 - 17:00	12	24	37	49	1	2	2	2
17:00 - 18:00	23	46	69	91	2	2	2	2
18:00 - 19:00	8	15	23	31	1	2	2	2
19:00 - 20:00	2	5	7	10	1	1	1	1
20:00 - 21:00	0	1	1	2	1	1	1	1
21:00 - 22:00	0	0	1	1	1	1	1	1
22:00 - 23:00	0	1	1	1	1	1	1	1
23:00 - 00:00	0	0	1	1	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	53	106	159	212	24	27	27	28
				Veh. Cap	79.2	89.1	89.1	92.4

Prefered fleet	**Vehs**	15	3	2	0	0
		45	0	1	2	2
		90	0	0	1	1
	Trips / Wk Day	15	24	22	0	0
		45	0	5	26	23
		90	0	0	1	5
	Km pa / veh	15	24711	33977	0	0
		45	0	15444	40155	35522
		90	0	0	3089	15444

Driver Hours

15%	30%	45%	60%
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
2.1	2.1	2.1	2.1
3.1	3.1	2.1	3.1
2.1	2.1	2.1	2.1
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	2.1	2.1	2.1
2.1	2.1	2.1	2.1
1.0	1.0	2.1	2.1
1.0	2.1	2.1	2.1
2.1	2.1	2.1	2.1
1.0	2.1	2.1	2.1
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
0.0	0.0	0.0	0.0

Driver Hrs/day	25	28	28	29
Driver Hrs/week	180	200	200	210
Driver Hrs/yr	9,360	10,400	10,400	10,920
Drivers (min)	5	6	6	6
Drivers (prac.)	6	7	7	7
Drivers/veh	2.00	2.33	2.33	2.33

Work hours per driver year

1,880.00 @47 working weeks average p.a.

Operating Information					
Round Trip Route Length				10	km
Stops		No.	Dwell	Total Dwell	
	Terminal A	1	3	3	
	No of Intermediate stops	29	0.5	14.5	
	Terminal B	1	5	5	
	No of Intermediate stops	28	0.5	14	
	Total dwell time per cycle			**37**	**Minutes**
Travel Time					
	Estimated Travel Time at	40	km/h	15	Minutes
	Estimated Cycle Time (Hours)			0.86	
Performance	Average Travel Speed			**12**	km/hr
	Effective Travel speed over full route excluding terminal time			40	km/hr

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

24710.4 27799.2 27799.2 28828.8

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)

Time	Weekdays			Time	Saturdays		
06h00-09h00	30	20	Mixed	**06h00-07h00**	60	60	Mixed
09h00-16h00	45	45	Mixed	**07h00-13h00**	30	20	Mixed
16h00-18h00	30	30	Mixed	**13h00-18h00**	50	50	15
18h00-2400	50	50	Mixed	**18h00-24h00**	50	50	15
24h00-06h00	Metered Taxi Service Only			**24h00-06h00**	Metered Taxi Service Only		

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 58 : HEATHER PARK COMMUNITY