

Route	Thembaletu Community	
Terminals	Thembaletu Community	
Route Description	Start West on Tabata Street	Start East on Ngcakani Road
	Turn Right North on Qhawa Street	Turn Right South on Ncamanza Street
	Turn Right South on Tabata Street	Turn Left East on (unknown)
	Turn Left East on 26th Street	Turn Right South on 26th Street
	Turn Left West on (unknown)	Turn Left South on Tabata Street
	Turn Right North on Ncamanza Street	Turn Right South on Lingelthu Street
	Turn Right South on Ngcakani Road	Turn Left East on Makhaza Street
	Turn Right South on Inkumba Street	Turn Left North on (unknown)
	Turn Left East on (unknown)	Turn Right East on Ikozi Street
	Turn Right South on (unknown)	Turn Left North on Makhaza Street
	Turn Left West on (unknown)	Turn Right North on (unknown)
	Continue South on (unknown)	Continue North on (unknown)
	Turn Right West on (unknown)	Continue East on (unknown)
	Continue West on (unknown)	Turn Right East on (unknown)
	Continue West on (unknown)	Continue East on (unknown)
	Continue West on (unknown)	Continue East on (unknown)
	Turn Left South on (unknown)	Turn Left North on (unknown)
	Continue South on (unknown)	Turn Left North on (unknown)
	Turn Left South on Makhaza Street	Continue North on (unknown)
	Turn Right West on Ikozi Street	Turn Left West on (unknown)
	Turn Left South on (unknown)	Turn Right North on Inkumba Street
	Turn Right West on Makhaza Street	Turn Left West on Ngcakani Road
	Turn Right North on Lingelthu Street	Turn Left South on Ncamanza Street
	Turn Right East on Tabata Street	Turn Left East on (unknown)
Backtrack West on Tabata Street	Turn Right South on 26th Street	
Turn Right East on 26th Street	Turn Right North on Tabata Street	
Turn Left West on (unknown)	Turn Left North on Qhawa Street	
Turn Right North on Ncamanza Street	Turn Left East on Tabata Street	
Turn Left West on Ngcakani Road		

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	300	600	900	1200	7	13	18	23
07:00 - 08:00	1000	2000	2999	3999	9	16	23	31
08:00 - 09:00	212	425	637	850	7	13	18	23
09:00 - 10:00	27	55	82	109	2	2	2	2
10:00 - 11:00	2	4	6	8	1	1	1	1
11:00 - 12:00	6	12	18	23	1	1	2	2
12:00 - 13:00	21	43	64	86	2	2	2	2
13:00 - 14:00	125	249	374	498	3	5	6	7
14:00 - 15:00	469	938	1407	1876	7	13	18	24
15:00 - 16:00	105	210	315	420	3	4	5	6
16:00 - 17:00	230	459	689	919	4	7	10	12
17:00 - 18:00	430	860	1291	1721	7	12	17	22
18:00 - 19:00	144	288	432	576	3	5	6	8
19:00 - 20:00	45	90	134	179	2	3	3	3
20:00 - 21:00	8	16	23	31	1	2	2	2
21:00 - 22:00	4	8	12	16	1	1	1	2
22:00 - 23:00	6	12	18	23	1	1	2	2
23:00 - 00:00	4	8	12	16	1	1	1	2
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	1,000	2,000	2,999	3,999	62	102	137	174

Preferred fleet	Vehs	Veh. Cap			
		73,3667	62,9739	60,7938	60,2634
	15	0	0	0	0
	45	4	4	3	3
	90	8	19	29	38
	15	0	0	0	0
	Trips / Wk Day	45	33	35	29
		90	29	67	108
	Km pa / veh	15	0	0	0
		45	36551	38766	42828
		90	16061	15623	16500

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	10.8	20.1	27.8	35.6
	13.9	24.7	35.6	48.0
	10.8	20.1	27.8	35.6
	3.1	3.1	3.1	3.1
	1.5	1.5	1.5	1.5
	1.5	1.5	3.1	3.1
	3.1	3.1	3.1	3.1
	4.6	7.7	9.3	10.8
	10.8	20.1	27.8	37.1
	4.6	6.2	7.7	9.3
	6.2	10.8	15.5	18.6
	10.8	18.6	26.3	34.0
	4.6	7.7	9.3	12.4
	3.1	4.6	4.6	4.6
	1.5	3.1	3.1	3.1
	1.5	1.5	1.5	3.1
	1.5	1.5	3.1	3.1
	1.5	1.5	1.5	3.1
	0.0	0.0	0.0	0.0

	96	158	212	270
Driver Hrs/day	96	158	212	270
Driver Hrs/week	680	1110	1490	1890
Driver Hrs/yr	35,360	57,720	77,480	98,280
Drivers (min)	19	31	42	53
Drivers (prac.)	21	35	47	59
Drivers/veh	1.75	1.52	1.47	1.44

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

Operating Information			
Round Trip Route Length	14 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	45	0.5	22.5
Terminal B	1	5	5
No of Intermediate stops	45	0.5	22.5
Total dwell time per cycle	53 Minutes		
Travel Time	Estimated Travel Time at	35 km/h	24 Minutes
Estimated Cycle Time (Hours)	1.29		
Performance	Average Travel Speed	11 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.  
22890.4 19647.9 18967.7 18802.2

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)			
Time	Weekdays		Saturdays
06h00-09h00	15 5 Mixed		06h00-07h00 60 60 Mixed
09h00-16h00	30 15 Mixed		07h00-13h00 15 5 Mixed
16h00-18h00	15 5 Mixed		13h00-18h00 40 30 15
18h00-24h00	40 30 Mixed		18h00-24h00 40 30 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 57: THEMBALETHU COMMUNITY