

Route	City - Thembaletu	
Terminals	City - Thembaletu	
Route Description	Start South on Cradock Street	Start West on (Sandkraal Street)
	Turn Left East on Albert Street	Continue West on (Sandkraal Street)
	Turn Right South on Sandkraal Street	Continue West on (Sandkraal Street)
	Continue South on (Sandkraal Street)	Continue West on (Sandkraal Street)
	Continue South on (Sandkraal Street)	Continue West on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue West on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue West on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue West on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue North on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue North on (Sandkraal Street)
	Continue East on (Sandkraal Street)	Continue North on Sandkraal Street
	Continue East on (Sandkraal Street)	Turn Left West on Albert Street
	Continue East on (Sandkraal Street)	Turn Right North on Meade Street
	Continue East on (Sandkraal Street)	Turn Right East on Courtenay (N12) Road
Continue East on (Sandkraal Street)	Turn Right South on Cradock 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	330	660	991	1321	8	14	21	26
07:00 - 08:00	1100	2200	3300	4400	10	18	26	34
08:00 - 09:00	234	467	701	935	8	14	19	26
09:00 - 10:00	30	60	90	120	2	2	2	2
10:00 - 11:00	2	4	6	9	1	1	1	1
11:00 - 12:00	6	13	19	26	1	1	2	2
12:00 - 13:00	24	47	71	94	2	2	2	2
13:00 - 14:00	137	274	411	548	3	5	6	8
14:00 - 15:00	516	1032	1548	2065	8	14	20	26
15:00 - 16:00	116	231	347	463	3	4	5	7
16:00 - 17:00	253	505	758	1011	5	8	10	13
17:00 - 18:00	473	947	1420	1893	7	13	19	24
18:00 - 19:00	158	317	475	634	3	5	7	9
19:00 - 20:00	49	99	148	197	2	3	3	3
20:00 - 21:00	9	17	26	34	1	2	2	2
21:00 - 22:00	4	9	13	17	1	1	1	2
22:00 - 23:00	6	13	19	26	1	1	2	2
23:00 - 00:00	4	9	13	17	1	1	1	2
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	1,100	2,200	3,300	4,400	67	109	149	191

Preferred fleet	Veh. Cap			
		109,545	104,832	93,698
Vehs	15	0	0	0
	45	3	3	4
Trips / Wk Day	90	7	14	22
	15	0	0	0
Km pa / veh	45	36	37	29
	90	31	72	120
Vehs	15	0	0	0
	45	61215	62915	36984
Trips / Wk Day	90	22592	26235	27825

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	8.6	15.1	22.7	28.1
	10.8	19.5	28.1	36.7
	8.6	15.1	20.5	28.1
	2.2	2.2	2.2	2.2
	1.1	1.1	1.1	1.1
	1.1	1.1	2.2	2.2
	2.2	2.2	2.2	2.2
	3.2	5.4	6.5	8.6
	8.6	15.1	21.6	28.1
	3.2	4.3	5.4	7.6
	5.4	8.6	10.8	14.0
	7.6	14.0	20.5	25.9
	3.2	5.4	7.6	9.7
	2.2	3.2	3.2	3.2
	1.1	2.2	2.2	2.2
	1.1	1.1	1.1	2.2
	1.1	1.1	2.2	2.2
	1.1	1.1	1.1	2.2
	0.0	0.0	0.0	0.0

Driver Hrs/day	73	118	162	207
Driver Hrs/week	520	830	1140	1450
Driver Hrs/yr	27,040	43,160	59,280	75,400
Drivers (min)	15	23	32	41
Drivers (prac.)	17	26	36	46
Drivers/veh	1.70	1.53	1.38	1.48

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	18	0.5	9
Terminal B	1	5	5
No of Intermediate stops	18	0.5	9
Total dwell time per cycle			26 Minutes
Travel Time	Estimated Travel Time at	35 km/h	29 Minutes
Estimated Cycle Time (Hours)			0.90
Performance	Average Travel Speed	18 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.
34178 32707.7 29233.8 31430

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)			
Time	Weekdays	Saturdays	Public Holidays
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 Mixed	
18h00-24h00	40 30 Mixed	18h00-24h00 40 30 Mixed	
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 4 : CITY - THEMBALETHU