

Route	Thembaletu Industria B - Mall	
Terminals	Thembaletu Industria B - Mall	
Route Description	Start West on (unknown)	Start West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue West on (unknown)	Continue West on (unknown)
	Continue North on (unknown)	Continue West on (unknown)
	Continue North on (unknown)	Continue West on (unknown)
	Continue North on (unknown)	Continue North on (Industrial Street)
	Turn Right East on N2 East On Ramp	Continue North on (Industrial Street)
	Continue East on N2 Highway	Continue North on (Industrial Street)
	Continue North on N12 On Ramp	Continue North on Sandkraal Street
	Turn Left West on N12 Freeway	Continue North on Industrial Street
	Continue North on Krystina (N12) Street	Turn Left North on Attakwa Street
	Turn Left South on Attakwa Street	Turn Right East on Krystina (N12) Street
	Turn Right West on Industrial Street	Continue South on N12 Freeway
	Continue South on Sandkraal Street	Continue East on N2 Highway
	Continue South on (Sandkraal Street)	Turn Right West on N2 On Ramp
	Continue South on (Sandkraal Street)	Continue West on N2 Highway
	Continue South on (Sandkraal Street)	Turn Left South on (unknown)
	Continue East on (Sandkraal Street)	Continue East on (unknown)
	Continue East on (Sandkraal Street)	Continue East on (unknown)
	Continue East on (unknown)	Continue East on (unknown)
	Continue East on (Sandkraal Street)	Continue East on (unknown)
	Continue East on (Sandkraal Street)	Continue East on (unknown)
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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	225	450	676	901	6	10	14	18
07:00 - 08:00	750	1500	2250	3000	7	13	18	23
08:00 - 09:00	159	319	478	638	6	10	14	18
09:00 - 10:00	20	41	61	82	2	2	2	2
10:00 - 11:00	1	3	4	6	1	1	1	1
11:00 - 12:00	4	9	13	18	1	1	2	2
12:00 - 13:00	16	32	48	64	2	2	2	2
13:00 - 14:00	93	187	280	374	3	4	4	6
14:00 - 15:00	352	704	1056	1408	6	10	14	18
15:00 - 16:00	79	158	237	315	2	3	4	5
16:00 - 17:00	172	345	517	689	4	6	7	10
17:00 - 18:00	323	646	968	1291	5	9	13	17
18:00 - 19:00	108	216	324	432	3	4	5	6
19:00 - 20:00	34	67	101	134	2	2	2	3
20:00 - 21:00	6	12	18	23	1	1	2	2
21:00 - 22:00	3	6	9	12	1	1	1	1
22:00 - 23:00	4	9	13	18	1	1	2	2
23:00 - 00:00	3	6	9	12	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
<b>Peak Demand</b>	750	1,500	2,250	3,000	54	81	108	137

  

Preferred fleet	Veh. Cap		81		108		137	
	98.28	92.1375	93.6	89.05				
Vehs	15	0	0	0	0	0	0	0
	45	4	4	3	3			
Trips / Wk Day	90	6	12	18	25			
	15	0	0	0	0			
Km pa / veh	45	36	35	28	29			
	90	18	46	80	108			
	15	0	0	0	0			
	45	51105	49686	52999	54892			
	90	17036	21768	25238	24531			

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	8.0	13.3	18.6	23.9
	9.3	17.2	23.9	30.5
	8.0	13.3	18.6	23.9
	2.7	2.7	2.7	2.7
	1.3	1.3	1.3	1.3
	1.3	1.3	2.7	2.7
	2.7	2.7	2.7	2.7
	4.0	5.3	5.3	8.0
	8.0	13.3	18.6	23.9
	2.7	4.0	5.3	6.6
	5.3	8.0	9.3	13.3
	6.6	11.9	17.2	22.5
	4.0	5.3	6.6	8.0
	2.7	2.7	2.7	4.0
	1.3	1.3	2.7	2.7
	1.3	1.3	1.3	1.3
	1.3	1.3	2.7	2.7
	1.3	1.3	1.3	1.3
	0.0	0.0	0.0	0.0
Driver Hrs/day	72	108	144	182
Driver Hrs/week	510	760	1010	1280
Driver Hrs/yr	26,520	39,520	52,520	66,560
Drivers (min)	15	22	28	36
Drivers (prac.)	17	25	31	40
Drivers/veh	1.70	1.56	1.48	1.43

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

Operating Information			
Round Trip Route Length	18 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	33	0.5	16.5
Terminal B	1	5	5
No of Intermediate stops	29	0.5	14.5
<b>Total dwell time per cycle</b>			<b>39 Minutes</b>
Travel Time	Estimated Travel Time at	40 km/h	27 Minutes
	Estimated Cycle Time (Hours)		1.11
Performance	Average Travel Speed		16 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.  
30663.4 28746.9 29203.2 27783.6

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)			
Time	Weekdays	Saturdays	Sundays
06h00-09h00	15 5 Mixed	06h00-07h00	60 60 Mixed
09h00-16h00	30 20 Mixed	07h00-13h00	60 60 Mixed
16h00-18h00	15 5 Mixed	13h00-18h00	60 60 15
18h00-24h00	45 35 Mixed	18h00-24h00	Metered Taxi Service Only
24h00-06h00	Metered Taxi Service Only		
Time	Sundays	Public Holidays	
06h00-24h00	Metered Taxi Service Only	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 11 : THEMBALETHU INDUSTRIA B - MALL