

Route	Thembaletu - Industria A	
Terminals	Thembaletu - Industria A	
Route Description	Start West on (Sandkraal Street)	Start North on Sandkraal Street
	Continue West on (Sandkraal Street)	Turn Left West on Albert Street
	Continue West on (Sandkraal Street)	Turn Left South on Fabrik Street
	Continue West on (Sandkraal Street)	Turn Right West on Fichat Street
	Continue West on (Sandkraal Street)	Turn Left South on Foundry Street
	Continue West on (Sandkraal Street)	Continue West on Rand Street
	Continue West on (Sandkraal Street)	Turn Right North on (unknown)
	Continue West on (Sandkraal Street)	Turn Left West on Hope Street
	Continue West on (Sandkraal Street)	Turn Left South on Main Road
	Continue North on (Sandkraal Street)	Turn Left East on P W Botha Road
	Continue North on (Sandkraal Street)	Continue East on Rand Street
	Continue North on (Sandkraal Street)	Turn Right East on Binne Street
	Continue North on Sandkraal Street	Turn Right South on Sandkraal Street
	Turn Left West on Binne Street	Continue South on (Sandkraal Street)
	Turn Left South on Rand Street	Continue South on (Sandkraal Street)
	Continue West on P W Botha Road	Continue South on (Sandkraal Street)
	Turn Right North on Main Road	Continue East on (uSandkraal Street)
	Turn Right East on Hope Street	Continue East on (Sandkraal Street)
	Turn Right South on (unknown)	Continue East on (Sandkraal Street)
	Turn Left East on Rand Street	Continue East on (Sandkraal Street)
	Continue North on Foundry Street	Continue East on (Sandkraal Street)
Turn Right East on Fichat Street	Continue East on (Sandkraal Street)	
Turn Left North on Fabrik Street	Continue East on (Sandkraal Street)	
Turn Right East on Albert Street	Continue East on (Sandkraal Street)	
Turn Right South on Sandkraal Street	Continue East on (Sandkraal 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	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	81	108	137	137

  

Preferred fleet	Vehs	Veh. Cap			
		15%	30%	45%	60%
	15	0	0	0	0
	45	3	3	2	2
	90	5	10	16	21
	15	0	0	0	0
Trips / Wk Day	45	36	35	28	29
	90	18	46	80	108
	15	0	0	0	0
Km pa / veh	45	53165	51688	62026	64241
	90	15950	20380	22152	22785

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	6.8	11.3	15.8	20.3
	7.9	14.6	20.3	25.9
	6.8	11.3	15.8	20.3
	2.3	2.3	2.3	2.3
	1.1	1.1	1.1	1.1
	1.1	1.1	2.3	2.3
	2.3	2.3	2.3	2.3
	3.4	4.5	4.5	6.8
	6.8	11.3	15.8	20.3
	2.3	3.4	4.5	5.6
	4.5	6.8	7.9	11.3
	5.6	10.1	14.6	19.1
	3.4	4.5	5.6	6.8
	2.3	2.3	2.3	3.4
	1.1	1.1	2.3	2.3
	1.1	1.1	1.1	1.1
	1.1	1.1	2.3	2.3
	1.1	1.1	1.1	1.1
	0.0	0.0	0.0	0.0

  

	15%	30%	45%	60%
Driver Hrs/day	61	92	122	155
Driver Hrs/week	430	650	860	1090
Driver Hrs/yr	22,360	33,800	44,720	56,680
Drivers (min)	12	18	24	31
Drivers (prac.)	14	20	27	35
Drivers/veh	1.75	1.54	1.50	1.52

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	28	0.5	14
Terminal B	1	5	5
No of Intermediate stops	28	0.5	13
<b>Total dwell time per cycle</b>			<b>35 Minutes</b>
Travel Time	Estimated Travel Time at	km/h	Minutes
	40		21
	<b>Estimated Cycle Time (Hours)</b>		0.34
Performance	Average Travel Speed		15 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.  
29905.2 27604.8 26582.4 26389.8

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 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		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 10 : THEMBALETHU - INDUSTRIA A