

Route	City - Pacaltsdorp	
Terminals	City - Pacaltsdorp	
Route Description	Start South on Cradock Street	Start North on Hibiscus Street
	Turn Right West on Albert Street	Turn Left West on Mission Street
	Turn Left South on York Street	Continue West on (Mission Street)
	Continue South on Main Road	Continue West on (Mission Street)
	Continue South on Beach Road	Turn Right North on Beach Road
	Turn Left East on Mission Street	Continue North on Main Road
	Continue East on (Mission Street)	Continue North on York Street
	Continue East on Mission Street	Turn Right East on Albert Street
	Turn Right South on Hibiscus Street	Turn Left North on Meade Street
	Sharp Right West on Protea Road	Turn Right East on Hibernia Street
	Turn Right North on Fern Street	Turn Right South on Cradock Street
	Turn Left West on Mission Street	Turn Right West on Albert Street
	Continue West on (Mission Street)	Turn Left South on York Street
	Continue West on Mission Street	Continue South on Main Road
	Turn Right North on Beach Road	Continue South on Beach Road
	Continue North on Main Road	Continue North on York Street
	Continue North on York Street	Continue East on (Mission Street)
Turn Right East on Albert Street	Continue East on Mission Street	
Turn Left North on Meade Street	Turn Right South on Fern Street	
Turn Right East on Hibernia Street	Turn Left East on Protea 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	257	514	770	1027	6	11	16	20
07:00 - 08:00	855	1711	2566	3422	8	14	20	27
08:00 - 09:00	182	364	545	727	6	11	15	20
09:00 - 10:00	23	47	70	93	2	2	2	2
10:00 - 11:00	2	3	5	7	1	1	1	1
11:00 - 12:00	5	10	15	20	1	1	2	2
12:00 - 13:00	18	37	55	73	2	2	2	2
13:00 - 14:00	107	213	320	426	3	4	5	6
14:00 - 15:00	401	803	1204	1606	6	11	16	21
15:00 - 16:00	90	180	270	360	3	4	4	5
16:00 - 17:00	197	393	590	786	4	6	8	11
17:00 - 18:00	368	736	1104	1472	6	11	15	19
18:00 - 19:00	123	247	370	493	3	5	6	7
19:00 - 20:00	38	77	115	153	2	2	2	3
20:00 - 21:00	7	13	20	27	1	2	2	2
21:00 - 22:00	3	7	10	13	1	1	1	2
22:00 - 23:00	5	10	15	20	1	1	2	2
23:00 - 00:00	3	7	10	13	1	1	1	2
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	855	1,711	2,566	3,422	57	90	120	154

Preferred fleet	Veh. Cap			
	137,655	124.2	110.4	119.011
Vehs	15	0	0	0
	45	3	3	2
Trips / Wk Day	90	5	11	23
	15	0	0	0
Km pa / veh	45	34	34	29
	90	23	56	91
Vehs	15	0	0	0
	45	68316	68316	58270
Vehs	90	27728	30688	30475

	Driver Hours			
	15%	30%	45%	60%
Driver Hrs/day	62	98	130	167
Driver Hrs/week	440	690	910	1170
Driver Hrs/yr	22,880	35,880	47,320	60,840
Drivers (min)	13	20	26	33
Drivers (prac.)	15	22	29	37
Drivers/veh	1.88	1.57	1.38	1.48

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

Operating Information			
Round Trip Route Length	19 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	8
Total dwell time per cycle	25 Minutes		
Travel Time	Estimated Travel Time at	40 km/h	29 Minutes
Estimated Cycle Time (Hours)	0.90		
Performance	Average Travel Speed	21 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.

42948.4 38750.4 34444.8 37131.5

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 15 Mixed	07h00-13h00 15 5 Mixed	
16h00-18h00	15 5 Mixed	13h00-18h00 40 30 15	
18h00-2400	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 1 : CITY - PACALTSDORP