

Route	Pacaltsdorp Community	
Terminals	Pacaltsdorp Community	
Route Description	Start North on Beach Road	Start West on (unknown)
	Turn Left West on (Olympic Street)	Continue West on Olympic Street
	Continue West on Olympic Street	Turn Right North on Llama Street
	Turn Right North on Square Hill Street	Turn Right East on Lynx Street
	Continue North on Panther Street	Turn Left North on Stag Street
	Turn Left West on Artillery Road	Turn Right East on Artillery Road
	Turn Left South on Stag Street	Turn Right South on Panther Street
	Turn Right West on Lynx Street	Turn Left East on (unknown)
	Turn Left South on Llama Street	Turn Right South on Beach Road
	Turn Right West on Beukes Street	Turn Right West on Beukes Street
	Continue East on (Olympic Street)	Turn Right North on Maple Avenue
	Turn Right South on Beach Road	Turn Right North on Mission Street
	Turn Left East on Noord Street	Turn Left East on Heather Street
	Turn Right South on East Street	Continue East on Protea Road
	Turn Left East on Mission Street	Turn Left East on Hibiscus Street
	Turn Right North on Protea Road	Turn Right West on Rose Street
	Turn Left South on Hibiscus Street	Turn Left East on Hibiscus Street
	Turn Right West on Rose Street	Turn Right East on Protea Road
	Continue West on Heather Street	Turn Right West on East Street
	Turn Right North on Beach Road	Turn Right North on Mission Street
	Turn Left West on Beukes Street	Turn Left West on Noord Street
Turn Right East on Maple Avenue		
Turn Left West on Gardenia Avenue		
Turn Left East on Beukes Street		
Turn Left North on Beach 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	150	300	450	601	4	7	10	12
07:00 - 08:00	500	1000	1501	2001	5	9	12	16
08:00 - 09:00	106	213	319	425	4	7	9	12
09:00 - 10:00	14	27	41	55	2	2	2	2
10:00 - 11:00	1	2	3	4	1	1	1	1
11:00 - 12:00	3	6	9	12	1	1	1	1
12:00 - 13:00	11	21	32	43	1	2	2	2
13:00 - 14:00	62	125	187	249	2	3	3	4
14:00 - 15:00	235	469	704	939	4	7	10	13
15:00 - 16:00	53	105	158	210	2	3	3	4
16:00 - 17:00	115	230	345	460	3	4	5	7
17:00 - 18:00	215	430	646	861	4	7	9	12
18:00 - 19:00	72	144	216	288	2	3	4	5
19:00 - 20:00	22	45	67	90	2	2	2	2
20:00 - 21:00	4	8	12	16	1	1	1	2
21:00 - 22:00	2	4	6	8	1	1	1	1
22:00 - 23:00	3	6	9	12	1	1	1	1
23:00 - 00:00	2	4	6	8	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
<b>Peak Demand</b>	500	1,000	1,501	2,001	41	62	77	98

  

Preferred fleet	Veh. Cap		Vehs		Trips / Wk Day		Km pa / veh	
	15%	30%	45%	60%	15%	30%	45%	60%
	74,825	82,290	66,129	71,54	15	0	0	0
	45	4	4	4	3	90	4	7
	15	0	0	0	0	15	0	0
	45	30	33	27	27	90	11	29
	15	0	0	0	0	15	0	0
	45	34164	37581	30748	40997	90	12527	18872
			17520	19025				

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	5.6	9.8	14.0	16.8
	7.0	12.6	16.8	22.4
	5.6	9.8	12.6	16.8
	2.8	2.8	2.8	2.8
	1.4	1.4	1.4	1.4
	1.4	1.4	1.4	1.4
	1.4	2.8	2.8	2.8
	2.8	4.2	4.2	5.6
	5.6	9.8	14.0	18.2
	2.8	4.2	4.2	5.6
	4.2	5.6	7.0	9.8
	5.6	9.8	12.6	16.8
	2.8	4.2	5.6	7.0
	2.8	2.8	2.8	2.8
	1.4	1.4	1.4	2.8
	1.4	1.4	1.4	1.4
	1.4	1.4	1.4	1.4
	1.4	1.4	1.4	1.4
	0.0	0.0	0.0	0.0

  

	15%	30%	45%	60%
Driver Hrs/day	58	87	108	138
Driver Hrs/week	410	610	760	970
Driver Hrs/yr	21,320	31,720	39,520	50,440
Drivers (min)	12	17	22	27
Drivers (prac.)	14	19	25	30
Drivers/veh	1.75	1.73	1.47	1.50

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

Operating Information			
Round Trip Route Length	15 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	41	0.5	20.5
Terminal B	1	5	5
No of Intermediate stops	39	0.5	19.5
<b>Total dwell time per cycle</b>			<b>48 Minutes</b>
Travel Time	Estimated Travel Time at	40 km/h	22 Minutes
	<b>Estimated Cycle Time (Hours)</b>		1.17
Performance	Average Travel Speed		13 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.  
23345.4 25674.8 20632.4 22320.5

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 20 Mixed	07h00-13h00 15 5 Mixed	
16h00-18h00	15 10 Mixed	13h00-18h00 45 40 15	
18h00-2400	45 40 Mixed	18h00-24h00 45 40 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 55 : PACALTSDORP COMMUNITY