

Route	Pacaltsdorp - Industria B	
Terminals	Pacaltsdorp - Industria B	
Route Description	Start North on Beach Road	Start North on Beach Road
	Continue North on Main Road	Continue North on Main Road
	Turn Right East on P W Botha Road	Turn Right East on N2 East On Ramp
	Continue East on Rand Street	Continue East on N2 Freeway
	Turn Right East on Binne Street	Continue East on N2 Highway
	Turn Left North on Sandkraal Street	Continue North on N12 On Ramp
	Continue North on Industrial Street	Turn Left West on N12 Freeway
	Turn Left North on Attakwa Street	Continue North on Knysna (N12) Street
	Turn Right East on Knysna (N12) Street	Turn Left South on Attakwa Street
	Continue South on N12 Freeway	Turn Right West on Industrial Street
	Continue East on N2 Highway	Continue South on Sandkraal Street
	Turn Right West on N2 On Ramp	Turn Right West on Binne Street
	Continue West on N2 Highway	Turn Left South on Rand Street
	Continue West on Main Off Ramp	Continue West on P W Botha Road
	Turn Left South on Beach Road	Turn Left South on Main Road
	Turn Left East on Heather Street	Turn Left East on Mission Street
	Continue East on Rose Street	Continue East on (Mission Street)
	Turn Left East on Hibiscus Street	Continue East on Mission Street
	Turn Right West on Mission Street	Turn Right South on Hibiscus Street
	Continue West on (Mission Street)	Turn Right West on Rose Street
Continue West on Mission Street	Continue West on Heather Street	
	Turn Right 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	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
Peak Demand	750	1,500	2,250	3,000	54	81	108	137
				Veh. Cap	71,8875	69,012	65,7257	63,437
Preferred fleet				Vehs	15	0	0	0
					45	6	6	4
					90	10	19	31
					15	0	0	0
				Trips / Wk Day	45	36	35	28
				90	18	46	80	
			Km pa / veh	45	39874	38766	46520	
				90	11963	16090	17150	

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	13.7	22.8	31.9	41.0
	15.9	29.6	41.0	52.4
	13.7	22.8	31.9	41.0
	4.6	4.6	4.6	4.6
	2.3	2.3	2.3	2.3
	2.3	2.3	4.6	4.6
	4.6	4.6	4.6	4.6
	6.8	9.1	9.1	13.7
	13.7	22.8	31.9	41.0
	4.6	6.8	9.1	11.4
	9.1	13.7	15.9	22.8
	11.4	20.5	29.6	38.7
	6.8	9.1	11.4	13.7
	4.6	4.6	4.6	6.8
	2.3	2.3	4.6	4.6
	2.3	2.3	2.3	2.3
	2.3	2.3	4.6	4.6
	2.3	2.3	2.3	2.3
	0.0	0.0	0.0	0.0
Driver Hrs/day	124	185	247	313
Driver Hrs/week	870	1300	1730	2200
Driver Hrs/yr	45,240	67,600	89,960	114,400
Drivers (min)	25	36	48	61
Drivers (prac.)	28	40	53	68
Drivers/veh	1.75	1.60	1.51	1.48

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

Operating Information			
Round Trip Route Length	21 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	42	0.5	21
Terminal B	1	5	5
No of Intermediate stops	42	0.5	21
Total dwell time per cycle	50 Minutes		
Travel Time	Estimated Travel Time at	20 km/h	64 Minutes
	Estimated Cycle Time (Hours)		1.90
Performance	Average Travel Speed		11 km/hr
	Effective Travel speed over full route excluding terminal time		20 km/hr

Note: Annual veh kms for this route only. Vehicle km will depend on deployment across all routes.

22428.9 21531.7 20506.4 19792.3

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)			
Time	Weekdays		Saturdays
06h00-09h00	15	5	Mixed
09h00-16h00	30	20	Mixed
16h00-18h00	15	5	Mixed
18h00-24h00	45	35	Mixed
24h00-06h00	Metered Taxi Service Only		
Sundays and Public holidays			
Time	Sundays		Public Holidays
06h00-24h00	Metered Taxi Service Only		
24h00-06h00	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 12 : PACALTSDORP - INDUSTRIA B