

Route	Pacaltsdorp -Industria A	
Terminals	Pacaltsdorp -Industria A	
Route Description	Start South on Fabriek Street	Start South on Beach Road
	Turn Right West on Fichat Street	Turn Left East on Heather Street
	Turn Left South on Foundry Street	Continue East on Rose Street
	Continue West on Rand Street	Turn Left East on Hibiscus Street
	Continue West on P W Botha Road	Turn Left West on Mission Street
	Turn Left South on Main Road	Continue West on (Mission Street)
	Continue South on Beach Road	Continue West on Mission Street
	Turn Left East on Mission Street	Turn Right North on Beach Road
	Continue East on (Mission Street)	Continue North on Main Road
	Continue East on Mission Street	Turn Right East on P W Botha Road
	Turn Right South on Hibiscus Street	Continue East on Rand Street
	Turn Right West on Rose Street	Turn Right East on Binne Street
Continue West on Heather Street	Turn Left North on Sandkraal Street	
Turn Right North on Beach Road	Turn Left West on Albert 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
Peak Demand	750	1,500	2,250	3,000	54	81	108	137

Preferred fleet	Veh. Cap			
		138.78	130.068	132.171
Vehs	15	0	0	0
	45	4	4	3
Trips / Wk Day	90	6	12	18
	15	0	0	0
Km pa / veh	45	36	35	28
	90	18	46	80
	15	0	0	0
	45	72166	70161	74839
	90	24056	30738	35638

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	7.9	13.2	18.5	23.8
	9.3	17.2	23.8	30.5
	7.9	13.2	18.5	23.8
	2.6	2.6	2.6	2.6
	1.3	1.3	1.3	1.3
	1.3	1.3	2.6	2.6
	2.6	2.6	2.6	2.6
	4.0	5.3	5.3	7.9
	7.9	13.2	18.5	23.8
	2.6	4.0	5.3	6.6
	5.3	7.9	9.3	13.2
	6.6	11.9	17.2	22.5
	4.0	5.3	6.6	7.9
	2.6	2.6	2.6	4.0
	1.3	1.3	2.6	2.6
	1.3	1.3	1.3	1.3
	1.3	1.3	2.6	2.6
	1.3	1.3	1.3	1.3
	0.0	0.0	0.0	0.0

Driver Hrs/day	72	108	143	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	26 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	32	0.5	16
Total dwell time per cycle			41 Minutes
Travel Time	Estimated Travel Time at	60 km/h	26 Minutes
	Estimated Cycle Time (Hours)		1.10
Performance	Average Travel Speed		23 km/hr
	Effective Travel speed over full route excluding terminal time		60 km/hr

Note: Annual veh kms for this route only. Vehicle km will depend on deployment across all routes.
43299.4 40593.2 41237.5 39232.9

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
18h00-2400	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	Notes
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 9 : PACALTSDORP - INDUSTRIA A