Route	George - Mossel Bay
Terminals	George - Mossel Bay
Route Description	From City-Pacalsdorp continue to R102, from R102 continue to City-Pacalsdorp

Estimated Passenger Demand

TIME FRAME	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	3	6	9	12	1	1	2	2
07:00 - 08:00	10	20	30	40	1	1	2	2
08:00 - 09:00	2	4	6	8	1	1	2	2
09:00 - 10:00	0	1	1	1	1	1	1	1
10:00 - 11:00	0	0	0	0	1	1	1	1
11:00 - 12:00	0	0	0	0	1	1	1	1
12:00 - 13:00	0	0	1	1	1	1	1	1
13:00 - 14:00	1	2	4	5	1	1	1	1
14:00 - 15:00	5	9	14	19	1	1	2	2
15:00 - 16:00	1	2	3	4	1	1	1	1
16:00 - 17:00	2	5	7	9	1	1	1	1
17:00 - 18:00	4	9	13	17	1	1	1	2
18:00 - 19:00	1	3	4	6	1	1	1	1
19:00 - 20:00	0	1	1	2	1	1	1	1
20:00 - 21:00	0	0	0	0	1	1	1	1
21:00 - 22:00	0	0	0	0	1	1	1	1
22:00 - 23:00	0	0	0	0	1	1	1	1
23:00 - 00:00	0	0	0	0	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	10	20	30	40	18	18	22	23
				Veh. Cap	990	990	605	632.5

Prefered fleet					
Vehs	15	2	2	4	4
	45	0	0	0	0
	90	0	0	0	0
Trips / Wk Day	15	18	18	22	23
	45	0	0	0	0
	90	0	0	0	0
Km pa / veh	15	308880	308880	188760	197340
	45	0	0	0	0
	90	0	0	0	0

Driver Hours

	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	2.0	2.0	4.1	4.1
	2.0	2.0	4.1	4.1
	2.0	2.0	4.1	4.1
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	4.1	4.1
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	4.1
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	2.0	2.0	2.0	2.0
	0.0	0.0	0.0	0.0
Driver Hrs/day	37	37	46	48
Driver Hrs/week	260	260	330	340
Driver Hrs/yr	13,520	13,520	17,160	17,680
Drivers (min)	8	8	10	10
Drivers (prac.)	9	9	11	11
Drivers/veh	4.50	4.50	2.75	2.75

Work hours per driver year

1,880.00 @47 working weeks average p.a.

Operating Information					
Round Trip Route Length				110	km
Stops		No.	Dwell	Total Dwell	
	Terminal A	1	3	3	
	No of Intermediate stops	0	0.5	0	
	Terminal B	1	5	5	
	No of Intermediate stops	0	0.5	0	
	Total dwell time per cycle			8	**Minutes**
Travel Time					
	Estimated Travel Time at	70	km/h	94	Minutes
	Estimated Cycle Time (Hours)			1.70	
Performance	Average Travel Speed			65	km/hr
	Effective Travel speed over full				
	route excluding terminal time			70	km/hr

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

308880 308880 188760 197340

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)

Time	Weekdays			Time	Saturdays		
06h00-09h00	60	60	Mixed	**06h00-07h00**	60	60	Mixed
09h00-16h00	60	60	Mixed	**07h00-13h00**	60	60	Mixed
16h00-18h00	60	60	Mixed	**13h00-18h00**	60	60	15
18h00-2400	60	60	Mixed	**18h00-24h00**	60	60	15
24h00-06h00	Metered Taxi Service Only			**24h00-06h00**	Metered Taxi Service Only		

Sundays and Public Holidays

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)**			

aurecon

GEORGE MUNICIPALITY & WESTERN CAPE PROVINCIAL ADMINISTRATION

GEORGE MOBILITY STRATEGY

ROUTE 110: GEORGE - MOSSEL BAY