Route	George -Oudtshoorn	
Terminals	**George - Oudtshoorn**	
Route Description	Start South on Cradock Street	Start East on N12 Freeway
	Turn Right West on Market Street	Continue South on C J Langenhoven (N12) Road
	Turn Right North on York Street	Turn Right South on C J Langenhoven Road
	Turn Left West on C J Langenhoven Road	Continue East on Hibernia Street
	Turn Left West on C J Langenhoven (N12) Road	
	Continue West on N12 Freeway	

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	1072.8	1072.8	655.6	685.4

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	334714	334714	204548	213845
	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
2.2	2.2	4.4	4.4
2.2	2.2	4.4	4.4
2.2	2.2	4.4	4.4
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	4.4	4.4
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	4.4
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
2.2	2.2	2.2	2.2
0.0	0.0	0.0	0.0

Driver Hrs/day	40	40	49	51
Driver Hrs/week	280	280	350	360
Driver Hrs/yr	14,560	14,560	18,200	18,720
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				119	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	102	Minutes
	Estimated Cycle Time (Hours)			1.84	
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.

334714 334714 204547 213845

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 111: GEORGE - OUDTSHOORN