Route	George - Knysna	
Terminals	**George - Knysna**	
Route Description	Start South on Cradock Street	Start West on N2 Highway
	Turn Right West on Market Street	Continue West on N12 Freeway
	Turn Right North on Meade Street	Continue North on Knysna (N12) Street
	Turn Right East on Hibernia Street	Continue West on Courtenay (N12) Road
	Turn Left North on Memorium Street	Turn Left South on Cradock Street
	Turn Right East on Courtenay (N12) Road	
	Continue East on Knysna (N12) Street	
	Continue South on N12 Freeway	
	Continue East on N2 Highway	

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	7	15	22	30	1	2	3	2
07:00 - 08:00	25	50	75	99	2	3	2	3
08:00 - 09:00	5	11	16	21	1	2	3	2
09:00 - 10:00	1	1	2	3	1	1	1	1
10:00 - 11:00	0	0	0	0	1	1	1	1
11:00 - 12:00	0	0	0	1	1	1	1	1
12:00 - 13:00	1	1	2	2	1	1	1	1
13:00 - 14:00	3	6	9	12	1	1	1	1
14:00 - 15:00	12	23	35	47	1	2	3	2
15:00 - 16:00	3	5	8	10	1	1	1	1
16:00 - 17:00	6	11	17	23	1	1	2	2
17:00 - 18:00	11	21	32	43	1	2	3	2
18:00 - 19:00	4	7	11	14	1	1	1	2
19:00 - 20:00	1	2	3	4	1	1	1	1
20:00 - 21:00	0	0	1	1	1	1	1	1
21:00 - 22:00	0	0	0	0	1	1	1	1
22:00 - 23:00	0	0	0	1	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	25	50	75	99	19	24	28	26
				Veh. Cap	463.6	418.286	341.6	396.5

Prefered fleet					
Vehs	15	5	7	7	5
	45	0	0	3	3
	90	0	0	0	0
Trips / Wk Day	15	19	24	27	21
	45	0	0	1	5
	90	0	0	0	0
Km pa / veh	15	144644	130506	146819	159869
	45	0	0	12688	63440
	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
2.6	5.2	7.8	5.2
5.2	7.8	5.2	7.8
2.6	5.2	7.8	5.2
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	5.2	7.8	5.2
2.6	2.6	2.6	2.6
2.6	2.6	5.2	5.2
2.6	5.2	7.8	5.2
2.6	2.6	2.6	5.2
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
2.6	2.6	2.6	2.6
0.0	0.0	0.0	0.0

Driver Hrs/day	50	63	73	68
Driver Hrs/week	350	450	520	480
Driver Hrs/yr	18,200	23,400	27,040	24,960
Drivers (min)	10	13	15	14
Drivers (prac.)	11	15	17	16
Drivers/veh	2.20	2.14	1.70	2.00

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

Operating Information					
Round Trip Route Length				122	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	60	km/h	122	Minutes
	Estimated Cycle Time (Hours)			2.17	
Performance	Average Travel Speed			56	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.

144643 130505 106579 123708

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

Time	Weekdays				Time		Saturdays		
06h00-09h00	30	20	Mixed		**06h00-07h00**		60	60	Mixed
09h00-16h00	55	55	Mixed		**07h00-13h00**		30	20	Mixed
16h00-18h00	30	30	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 108: GEORGE - KNYSNA