

Route	Wilderness - Wilderness Heights Community	
Terminals	Wilderness - Wilderness Heights Community	
Route Description	Start South on (Hoogte Road) Continue South on Hoogte Road Turn Left East on Waterside Road Turn Right West on Sanctaury Lane Turn Left South on Lella's Lane	Start North on Lella's Lane Turn Right East on Sanctaury Lane Turn Left West on Waterside Road Turn Right North on Hoogte Road Continue North on (Hoogte 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	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

Preferred fleet	Veh. Cap			
	15%	30%	45%	60%
Vehs	15	1	1	1
	45	0	0	1
	90	0	0	0
Trips / Wk Day	15	19	24	27
	45	0	0	1
	90	0	0	0
Km pa / veh	15	44460	56160	63180
	45	0	0	2340
	90	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
	0.4	0.7	1.1	0.7
	0.7	1.1	0.7	1.1
	0.4	0.7	1.1	0.7
	0.4	0.4	0.4	0.4
	0.4	0.4	0.4	0.4
	0.4	0.4	0.4	0.4
	0.4	0.7	1.1	0.7
	0.4	0.4	0.4	0.4
	0.4	0.4	0.7	0.7
	0.4	0.7	1.1	0.7
	0.4	0.4	0.4	0.7
	0.4	0.4	0.4	0.4
	0.4	0.4	0.4	0.4
	0.4	0.4	0.4	0.4
	0.0	0.0	0.0	0.0

Driver Hrs/day	8	9	11	10
Driver Hrs/week	60	70	80	70
Driver Hrs/yr	3,120	3,640	4,160	3,640
Drivers (min)	2	2	3	2
Drivers (prac.)	3	3	4	3
Drivers/veh	3.00	3.00	2.00	1.50

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

Operating Information			
Round Trip Route Length	8 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	3	0.5	1.5
Terminal B	1	5	5
No of Intermediate stops	3	0.5	1.5
Total dwell time per cycle	11 Minutes		
Travel Time	Estimated Travel Time at	60 km/h	8 Minutes
Estimated Cycle Time (Hours)	0.31		
Performance	Average Travel Speed	24 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.
44460 56160 32760 30420

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)						
Time	Weekdays			Time	Saturdays	
06h00-09h00	30	20	Mixed	06h00-07h00	60	Mixed
09h00-16h00	55	55	Mixed	07h00-13h00	30	Mixed
16h00-18h00	30	30	Mixed	13h00-18h00	60	15
18h00-24h00	60	60	Mixed	18h00-24h00	60	15
24h00-06h00	Metered Taxi Service Only			24h00-06h00	Metered Taxi Service Only	
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)					



GEORGE MUNICIPALITY
& WESTERN CAPE PROVINCIAL ADMINISTRATION

GEORGE MOBILITY STRATEGY

ROUTE 52 : WILDERNESS - WILDERNESS HEIGHTS COMMUNITY