

Route	City - University	
Terminals	City - University	
Route Description	Start West on (Saasveld Road)	Start South on Cradock Street
	Continue West on (Saasveld Road)	Turn Right West on Market Street
	Continue West on (Saasveld Road)	Turn Right North on Meade Street
	Continue West on Saasveld Road	Turn Right East on Courtenay (N12) Road
	Turn Right North on Knysna (N12) Street	Continue East on Knysna (N12) Street
	Continue West on Courtenay (N12) Road	Turn Left East on Saasveld Road
	Turn Left South on Cradock Street	Continue East on (Saasveld Road)
		Continue East on (Saasveld Road)
		Continue East on (Saasveld Road)
		Continue East on (Saasveld 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	75	150	225	300	3	4	6	7
07:00 - 08:00	250	500	750	1000	3	5	7	8
08:00 - 09:00	53	106	159	212	3	4	5	7
09:00 - 10:00	7	14	20	27	1	2	2	2
10:00 - 11:00	0	1	1	2	1	1	1	1
11:00 - 12:00	1	3	4	6	1	1	1	1
12:00 - 13:00	5	11	16	21	1	1	2	2
13:00 - 14:00	31	62	93	125	2	2	2	3
14:00 - 15:00	117	235	352	469	3	4	5	7
15:00 - 16:00	26	53	79	105	2	2	2	2
16:00 - 17:00	57	115	172	230	2	3	3	4
17:00 - 18:00	108	215	323	430	3	4	5	6
18:00 - 19:00	36	72	108	144	2	2	2	3
19:00 - 20:00	11	22	34	45	1	2	2	2
20:00 - 21:00	2	4	6	8	1	1	1	1
21:00 - 22:00	1	2	3	4	1	1	1	1
22:00 - 23:00	1	3	4	6	1	1	1	1
23:00 - 00:00	1	2	3	4	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	250	500	750	1,000	32	41	49	59

  

Preferred fleet	Vehs	Veh. Cap	
		167.2	142.817
	15	0	0
	45	3	3
	90	1	3
	15	0	0
	45	31	30
	90	1	11
	15	0	0
	45	67382	65208
	90	6521	23910

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	2.4	3.2	4.8	5.6
	2.4	4.0	5.6	6.4
	2.4	3.2	4.0	5.6
	0.8	1.6	1.6	1.6
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	0.8	1.6	1.6
	1.6	1.6	1.6	2.4
	2.4	3.2	4.0	5.6
	1.6	1.6	1.6	1.6
	1.6	2.4	2.4	3.2
	2.4	3.2	4.0	4.8
	1.6	1.6	1.6	2.4
	0.8	1.6	1.6	1.6
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.8	0.8	0.8	0.8
	0.0	0.0	0.0	0.0

  

Driver Hrs/day	26	34	40	48
Driver Hrs/week	190	240	280	340
Driver Hrs/yr	9,880	12,480	14,560	17,680
Drivers (min)	6	7	8	10
Drivers (prac.)	7	8	9	11
Drivers/veh	1.75	1.33	1.29	1.57

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

Operating Information			
Round Trip Route Length	21 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	8	0.5	4
Terminal B	1	5	5
No of Intermediate stops	11	0.5	5.5
Total dwell time per cycle	18 Minutes		
Travel Time	Estimated Travel Time at	55 km/h	23 Minutes
Estimated Cycle Time (Hours)	0.67		
Performance	Average Travel Speed	31 km/hr	
	Effective Travel speed over full route excluding terminal time	55 km/hr	

Note: Annual veh kms for this route only. Vehicle km will depend on deployment across all routes.  
52166.4 44558.8 45645.6 54961

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)					
Time	Weekdays		Time	Saturdays	
06h00-09h00	30	10	Mixed	06h00-07h00	60 60 Mixed
09h00-16h00	40	30	Mixed	07h00-13h00	30 10 Mixed
16h00-18h00	30	15	Mixed	13h00-18h00	45 45 Mixed
18h00-24h00	45	45	Mixed	18h00-24h00	45 45 Mixed
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 5 : CITY - UNIVERSITY