

Route	City - Loop	
Terminals	City - Loop	
Route Description	Start East on Hibernia Street	Start West on Market Street
	Turn Right South on Hope Street	Turn Right North on York Street
	Turn Right West on Victoria Street	Turn Left West on Courtenay (N12) Road
	Turn Left South on Merriman Street	Continue West on Davidson (N12) Road
	Turn Right West on Union Street	Continue West on C J Langenhoven (N12) Road
	Continue West on Blanco Boulevard	Turn Left South on (unknown)
	Turn Right North on Barkhuizen Drive	Continue South on (unknown)
	Continue East on King George Drive	Continue South on (unknown)
	Turn Left North on (unknown)	Continue South on (unknown)
	Turn Right North on (unknown)	Continue South on (unknown)
	Continue North on (unknown)	Continue South on (unknown)
	Continue North on (unknown)	Continue South on (unknown)
	Continue North on (unknown)	Continue South on (unknown)
	Continue North on (unknown)	Continue South on (unknown)
	Continue North on (unknown)	Turn Left South on (unknown)
	Continue North on (unknown)	Turn Right West on King George Drive
	Continue North on (unknown)	Continue West on Barkhuizen Drive
	Continue North on (unknown)	Turn Left East on Blanco Boulevard
	Turn Right East on C J Langenhoven (N12) Road	Continue East on Union Street
	Backtrack West on C J Langenhoven (N12) Road	Turn Left North on Merriman Street
Backtrack East on C J Langenhoven (N12) Road	Turn Right East on Victoria Street	
Continue East on Davidson (N12) Road	Turn Left North on Hope Street	
Continue East on Courtenay (N12) Road	Turn Left West on Market Street	
Turn Right South on Cradock Street		

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	15	30	45	60	2	2	2	2
07:00 - 08:00	50	100	150	200	3	3	2	3
08:00 - 09:00	11	21	32	43	2	2	2	2
09:00 - 10:00	1	3	4	5	1	1	1	1
10:00 - 11:00	0	0	0	0	1	1	1	1
11:00 - 12:00	0	1	1	1	1	1	1	1
12:00 - 13:00	1	2	3	4	1	1	1	1
13:00 - 14:00	6	12	19	25	1	1	2	2
14:00 - 15:00	24	47	71	94	2	2	2	2
15:00 - 16:00	5	11	16	21	1	1	2	2
16:00 - 17:00	12	23	35	46	1	2	2	2
17:00 - 18:00	22	43	65	86	2	2	2	2
18:00 - 19:00	7	14	22	29	1	2	2	2
19:00 - 20:00	2	4	7	9	1	1	1	1
20:00 - 21:00	0	1	1	2	1	1	1	1
21:00 - 22:00	0	0	1	1	1	1	1	1
22:00 - 23:00	0	1	1	1	1	1	1	1
23:00 - 00:00	0	0	1	1	1	1	1	1
00:00 - 01:00	0	0	0	0	0	0	0	0
Peak Demand	50	100	150	200	24	26	27	28

Preferred fleet	Vehs	Veh. Cap	
		24	26
	15	3	2
	45	0	1
	90	0	0
	15	24	21
	45	0	5
	90	0	0
	15	26298	34388
	45	0	16380
	90	0	0

	Driver Hours			
	15%	30%	45%	60%
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
	1.9	1.9	1.9	1.9
	2.9	2.9	1.9	2.9
	1.9	1.9	1.9	1.9
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0
	0.0	0.0	0.0	0.0
Driver Hrs/day	23	25	26	27
Driver Hrs/week	170	180	190	190
Driver Hrs/yr	8,840	9,360	9,880	9,880
Drivers (min)	5	5	6	6
Drivers (prac.)	6	6	7	7
Drivers/veh	2.00	2.00	2.33	2.33

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

Operating Information			
Round Trip Route Length	11 km		
Stops	No.	Dwell	Total Dwell
Terminal A	1	3	3
No of Intermediate stops	27	0.5	13.5
Terminal B	1	5	5
No of Intermediate stops	21	0.5	10.5
Total dwell time per cycle			32 Minutes
Travel Time	Estimated Travel Time at	40 km/h	16 Minutes
Estimated Cycle Time (Hours)			0.80
Performance	Average Travel Speed	13 km/hr	
Effective Travel speed over full route excluding terminal time			40 km/hr

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

26208 28392 29484 30576

Target Headway (minutes) / Expected Minimum Headway / Vehicle Capacity (passengers)					
Time	Weekdays		Time	Saturdays	
06h00-09h00	30	20	Mixed	06h00-07h00	60
09h00-16h00	55	55	Mixed	07h00-13h00	30
16h00-18h00	30	30	Mixed	13h00-18h00	50
18h00-24h00	50	50	Mixed	18h00-24h00	50
24h00-06h00	Metered Taxi Service Only		24h00-06h00	Metered Taxi Service Only	
Sundays and Public Holidays					
Time	Sundays		Public Holidays		
06h00-24h00	60	60	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 13 : CITY - LOOP