

ALTERNATIVE CAIRNS MAREEBA RANGE CROSSING ROAD ROUTES

Preliminary Summary of Hights, Distances & Grades

Section	Distance	Elevation Bottom	Elevation Top	Difference	Grade	Degrees
Saddle Mountain						
Saddle_Mareeba_Davies	18.5 km	409	418	9	0.05%	0.028
Saddle_Davies_Barron	18.5 km	349	409	60	0.32%	0.186
Saddle_Barron_Top	3.13 km	349	390	41	1.31%	0.751
Saddle_Top_Bottom	7.15 km	14	390	376	5.26%	3.013
Saddle_Tunnel	2.45 km	279	362	83	3.39%	1.941
Saddle_Smith_Uni	3.37 km					
Saddle_Smith_TunHill	8.74 km					
Saddle_TunHill_Cairns	7.95 km					
Total	67.34 km					
Kuranda						
Kuranda_Mareeba_Davies	18.5 km					
Kurand_Davies_Top	22.9 km					
Kuranda_Top_Bottom	7.41 km	14	411	397	5.36%	3.070
Kuranda_Bottom_TunHill	10.3 km					
Kuranda_TunHill_Cairns	7.95 km					
Total	67.06 km					
Smiths Kamarunga						
Smiths_Mareeba_Davies	18.5 km	409	418	9	0.05%	0.028
Smiths_Davies_Speewah	10.8 km	409	451	42	0.39%	0.223
Smiths_Speewah_Top2	1.82 km	408	451	43	2.36%	1.354
Smiths_Top2_Top	1.17 km	348	408	60	5.13%	2.938
Smiths_Top_Bottom_Kama	6.29 km	22	348	326	5.18%	2.970
Smiths_Bottom_TunHill	4.73 km					
Smiths_TunHill_Cairns	7.95 km					
Total	51.26 km					
Difference to Kuranda	15.80 km					
Smiths Redlynch						
Smiths_Mareeba_Davies	18.5 km	409	418	9	0.05%	0.028
Smiths_Davies_Speewah	10.8 km	417	418	1	0.01%	0.005
Smiths_Speewah_Top2	1.82 km	408	418	10	0.55%	0.315
Smiths_Top2_Top	1.15 km	348	408	60	5.22%	2.989
Smiths_Top_Bottom_Red	7.60 km	37	348	311	4.09%	2.345
Smiths_Bottom_TunHill_Red	2.00 km	16	49	33	1.65%	0.945
Smiths_TunHill_Cairns	7.95 km					
Total	49.82 km					
Difference to Kuranda	17.24 km					
Difference to Smith Kama	1.44 km					

Section	Distance	Elevation Bottom	Elevation Top	Difference	Grade	Degrees
Reddicliffe						
Reddi_Mareeba_Davies	18.5 km	409	418	9	0.05%	0.028
Reddi_Davies_Top	14.6 km	409	520	111	0.76%	0.436
Reddi_Top_Bottom	8.96 km	58	520	462	5.16%	2.954
Reddi_Bottom_TunHill	5.12 km					
Reddi_TunHill_Cairns	7.94 km					
Total	55.12 km					
Difference to Kuranda	11.94 km					

Bridle						
Bridle_Mareeba_Davies	13.5 km	418	444	26	0.19%	0.110
Bridle_Davies_Base	6.56 km	444	455	11	0.17%	0.096
Bridle_Base_Top3	5.30 km	455	692	237	4.47%	2.562
Bridle_Top3_Dip	3.24 km	528	692	164	5.06%	2.900
Bridle_Dip_Top2	0.81 km	528	564	36	4.44%	2.546
Bridle_Top2_CopperDam	3.18 km	392	564	172	5.41%	3.099
Bridle_CopperDam_Midtop	1.27 km	395	446	51	4.02%	2.301
Bridle_MidTop_Top1	4.33 km	446	456	10	0.23%	0.132
Bridle_Top1_Bottom	7.50 km	27	456	429	5.72%	3.277
Bridle_Bottom_Cairns	7.31 km					
Total	53.00 km					
Difference to Kuranda	14.06 km					