map_113.png

(a) Original Map
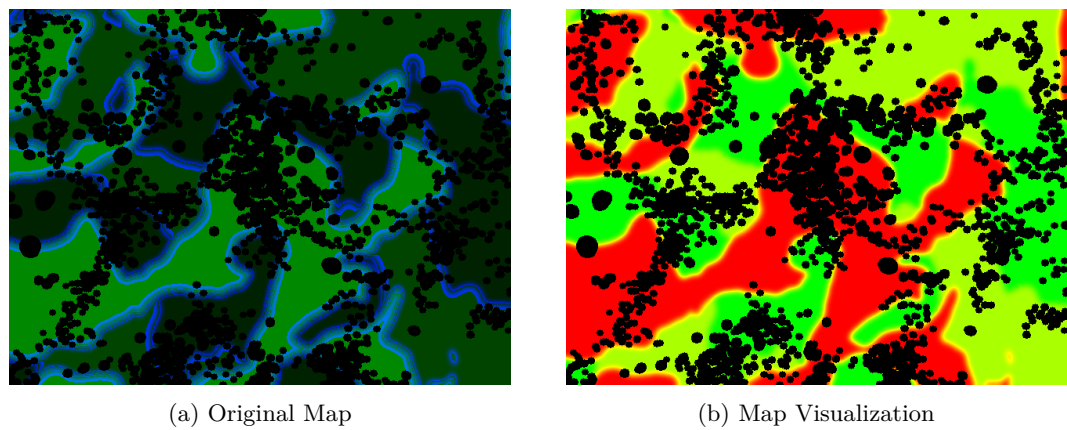

(b) Map Visualization

Figure 1: Input Map

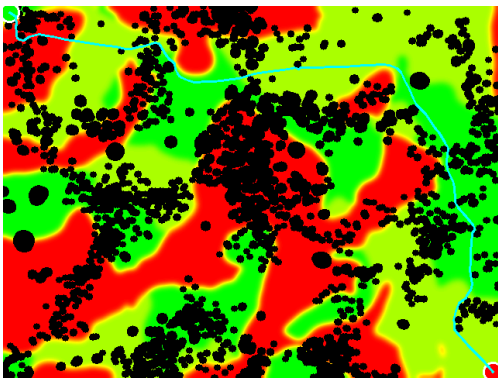# 1 Analysis

1.1 Optimal Path

Optimal path cost: 3318.55

Figure 2: Map with best Path

1.2 Label Statistic

Obstacle ids: [0]

O	0	30	31	32	33	34	35	36	37	38	39	40	41
100026	100026	35808	2954	1724	1286	1065	892	821	711	680	646	624	602
32.6%	32.6%	11.7%	1.0%	0.6%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

43	44	45	46	47	48	49	50	51	52	53	54	55	56
546	545	526	570	519	535	510	551	519	546	605	542	658	634
0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

58	59	60	61	62	63	64	65	66	67	68	69	70	71
965	1513	52848	2557	1471	1123	953	800	743	690	632	619	564	571
0.3%	0.5%	17.2%	0.8%	0.5%	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

73	74	75	76	77	78	79	80	81	82	83	84	85	86
480	525	518	504	430	447	460	461	486	421	420	406	418	422
0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%

88	89	90	91	92	93	94	95	96	97	98	99	100	101
448	421	396	432	447	440	400	447	396	466	475	479	457	466
0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.1%	0.2%

103	104	105	106	107	108	109	110	111	112	113	114	115	116
501	539	552	535	575	598	648	676	735	771	883	918	1065	1249
0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.4%

118	119	120
2099	3819	52408
0.7%	1.2%	17.1%