map_112.png

(a) Original Map

(b) Map Visualization

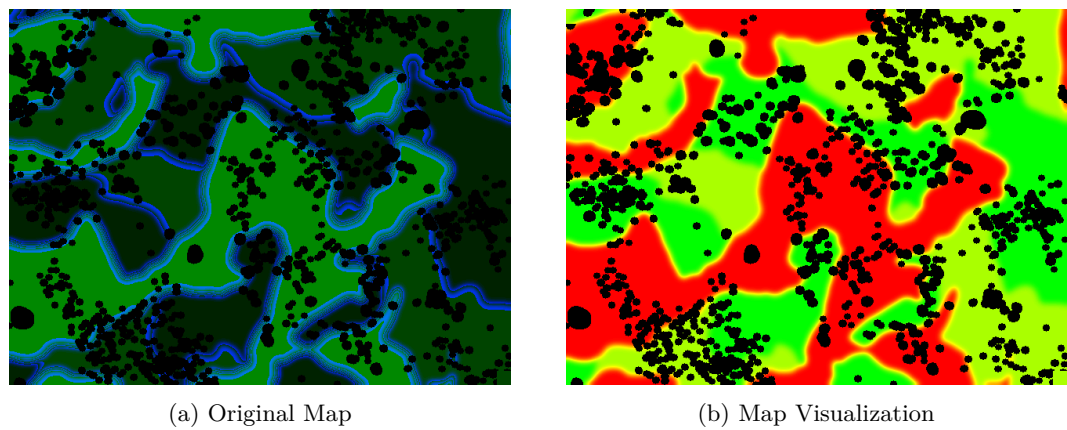Figure 1: Input Map

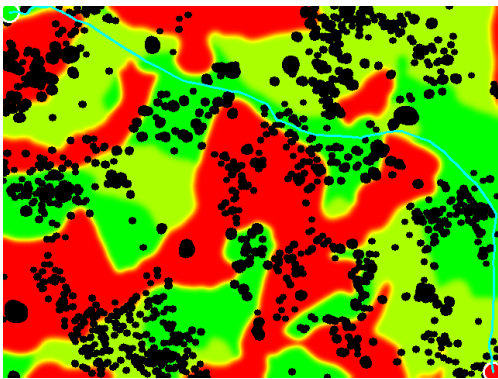# 1 Analysis

1.1 Optimal Path

Optimal path cost: 2459.9

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
70714	70714	40171	3638	2110	1594	1336	1109	1042	892	885	797	756	742
23.0%	23.0%	13.1%	1.2%	0.7%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%

43	44	45	46	47	48	49	50	51	52	53	54	55	56
661	660	655	664	618	625	610	650	621	660	717	672	801	789
0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%

58	59	60	61	62	63	64	65	66	67	68	69	70	71
1229	1941	53125	2693	1508	1181	1005	815	781	747	652	657	574	610
0.4%	0.6%	17.3%	0.9%	0.5%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

73	74	75	76	77	78	79	80	81	82	83	84	85	86
501	544	558	516	460	476	484	495	497	449	469	439	467	448
0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.1%	0.2%	0.1%

88	89	90	91	92	93	94	95	96	97	98	99	100	101
490	484	421	461	492	499	466	502	445	530	510	546	543	518
0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%

103	104	105	106	107	108	109	110	111	112	113	114	115	116
573	601	648	606	667	687	747	796	852	910	1018	1119	1271	1543
0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.5%

118	119	120
2668	4889	65965
0.9%	1.6%	21.5%