## map\_115.png

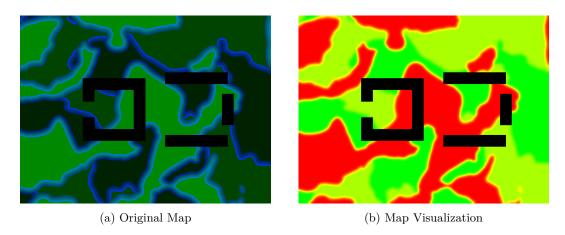


Figure 1: Input Map

## 1 Analysis

## 1.1 Optimal Path

Optimal path cost: 1527.29

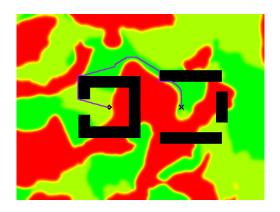


Figure 2: Map with best Path

## 1.2 Label Statistic

Obstacle ids: [0]

O	0	30	31	32	33	34	35	36	37	38	39	40	41
26400	26400	49293	4282	2455	1839	1519	1292	1183	1001	1016	907	871	838
8.6%	8.6%	16.0%	1.4%	0.8%	0.6%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%

43 779	781	45 719	777	726	48	49 729	50 775	51 724	52 793	53 853	54 807	55 963	56
0.3% 58	0.3%	$\begin{array}{ c c c }\hline 0.2\% & \hline \\ 60 & \hline \end{array}$	$\left \begin{array}{c} 0.3\% \end{array}\right $	0.2%   $62$	0.2%	0.2%   $64$	$0.3\%$ $\begin{vmatrix} 65 \end{vmatrix}$	0.2%	0.3%	0.3%	$\left \begin{array}{c} 0.3\% \end{array}\right $	0.3%   $ $ 70	0.3%
1491 0.5%	2401 0.8%	67194 21.9%	3244 1.1%	1833 0.6%	1412 0.5%	1210 0.4%	996 0.3%	917 0.3%	882 0.3%	789 0.3%	764 0.2%	710 0.2%	709 0.2%
73	74	75	76	77	78	79	80	81	82	83	84	85	86
$609 \\ 0.2\%$	640 0.2%	$663 \\ 0.2\%$	620 0.2%	544 0.2%	566 0.2%	564 0.2%	583 0.2%	$607 \\ 0.2\%$	539 0.2%	$550 \\ 0.2\%$	515 0.2%	546 0.2%	520 0.2%
88	89	90	91	92	93	94	95	96	97	98	99	100	101
$\frac{572}{0.2\%}$	$553 \\ 0.2\%$	511 0.2%	545 0.2%	$\frac{582}{0.2\%}$	575 0.2%	552 0.2%	574 0.2%	517 0.2%	613 0.2%	$602 \\ 0.2\%$	$662 \\ 0.2\%$	630 0.2%	605 0.2%
103 662 0.2%	716 0.2%	754 0.2%	731 0.2%	107 774 0.3%	108 794 0.3%	109 886 0.3%	110 944 0.3%	111 1007 0.3%	112 1047 0.3%	113 1209 0.4%	1304 0.4%	115 1489 0.5%	116 1769 0.6%

