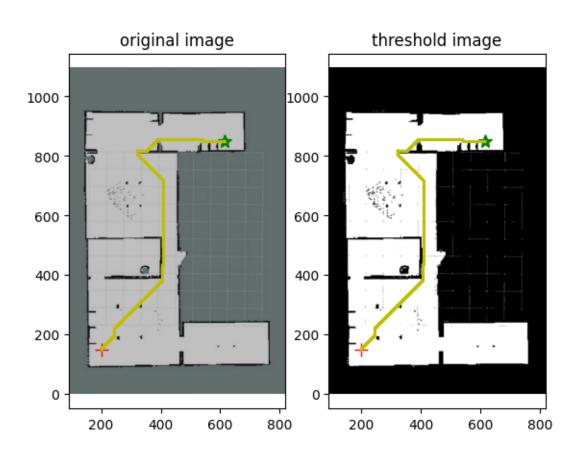
1 Run Dijkstra on a pretend SLAM map

```
In [32]: from path_planning import convert_image, dijkstra, plot_with_path, open_image
```



```
In [34]: # Opens and threshold a real SLAM map image
    im, im_thresh = open_image("map.pgm")

robot_start_loc = (1940, 1953)
    robot_goal_loc = (2135, 2045)
    zoom = 0.1
```

path = dijkstra(im_thresh, robot_start_loc, robot_goal_loc)
plot_with_path(im, im_thresh, zoom=zoom, robot_loc=robot_start_loc, goal_loc=robot_goal_loc, p

