

Snowplow Route Optimisation in Lappeenranta

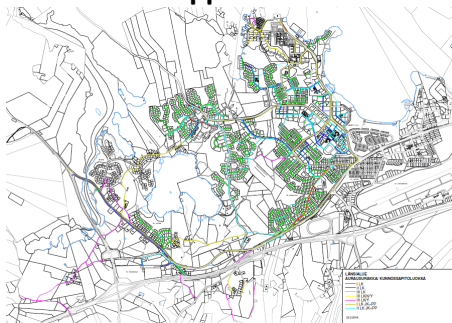
Team Lambda!

MOTIVATION

In Finland winter is long and hard. It is important for people that roads are regularly cleaned of snow. During heavy snow storms the snowfall within 24 hours can reach a few dozen centimeters. Therefore, snow plowing may have to be done from none up to a few times a day throughout winter.

QUESTION IS ...

How to find the shortest path for snow plowing machine in Lappenranta?



Lappeenranta: Graph of Main Roads

Coordinates2.csv

- 1 61.0441707
- 2 61.0374383
- 3 61.0315254
- 4 61.0304446
- 5 61.0284907
- 6 61.0543393
- 7 61.0522622
- 8 61.052553
- 9 61.0517845
- 10 61.0326062
- 11 61.0609435
- 12 61.0528023
- 13 61.0581608
- 14 61.0569562
- 15 61.0547962
- 16 61.0477337
- 17 61.0365758
- 18 61.0634768
- 19 61.0519714
- 20 61.0456769
- 21 61.0585553
- 22 61.0529061
- 23 61.0455731
- 24 61.0464872



Graph of the highest-priority snowplowing roads in Lappeenranta.

