

ALTERNATIVE ROUTE KÄRMEKALLIO

1. Implementation

Date	19.12.2023	
Revision nr - modified by	1.0 –SK	
Time	9:00-19:00	
Weather	+0 C	
Conditions	Snow	
Participants	Function	Company
Sami Kivelä	Site Manager	Silvasti

1.1 Start and end points of the route

Start point(s)	Coordinates	End point	Coordinates
Junction road 11/road 2492	61.488394, 22.697914	Original site entrance KärmeKallio	61.411184, 22.776649

1.2 WTG type

Number of WEA	Type WTG	Type tower	Type blade
?	?	?	?

1.3. Total dimensions checked

Component	Length	Width	Height	Weight	Overhang
Blade	112,0m	4,50m	4,50m	?	? m
Tower	50,0m	6,50m	6,80m	?	



2. Result

Road 2492 need lot of tree cutting from private properties and few oversail areas where earth need to be levelled. Road 2492 need test run to define trees to be cutted.

Survey is based on use of dollytrailer for blade transports and clamp trailer for tower transports.

Final dimensions of all drivable and oversail areas to be defined after transport dimensions of blades and heavy components are confirmed.

2.1 Disclaimer of liability

This survey is valid only on the day it is compiled.

The given route is subject to final approval by the local authorities.

A test permit needs to be applied in order to define if heavy transport is possible on the defined route.

A second feasibility check of the proposed route must be done at least 10 weeks before start of deliveries.



3. Route and maps

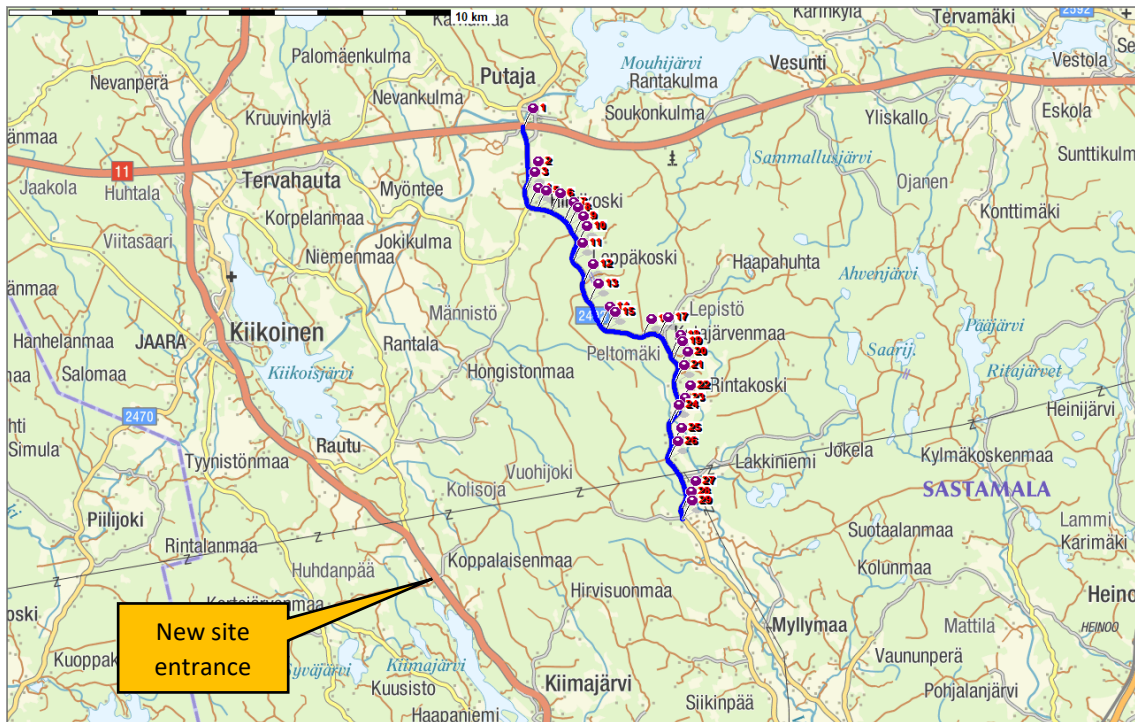
3.1 Overall route

Total length of the route(s) from the port: Route 1 - 12km.

Route 1 in google maps: <https://maps.app.goo.gl/4Ei9BvGYfBvEmqJ57>

Route description:

Route 1: Road 11 – road 2492 – Original site entrance Vuohijoentie.



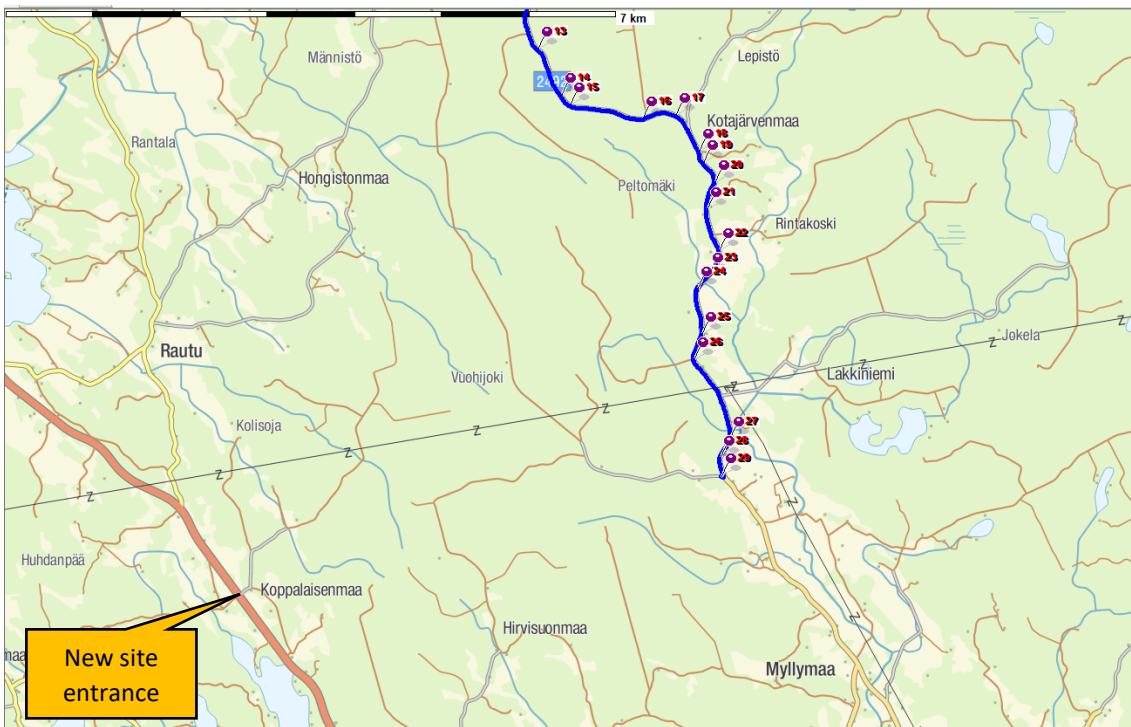
Map 1. Route overview.



3.2 Maps 2-3 – Positions noted.



Map 2. First part of the route.



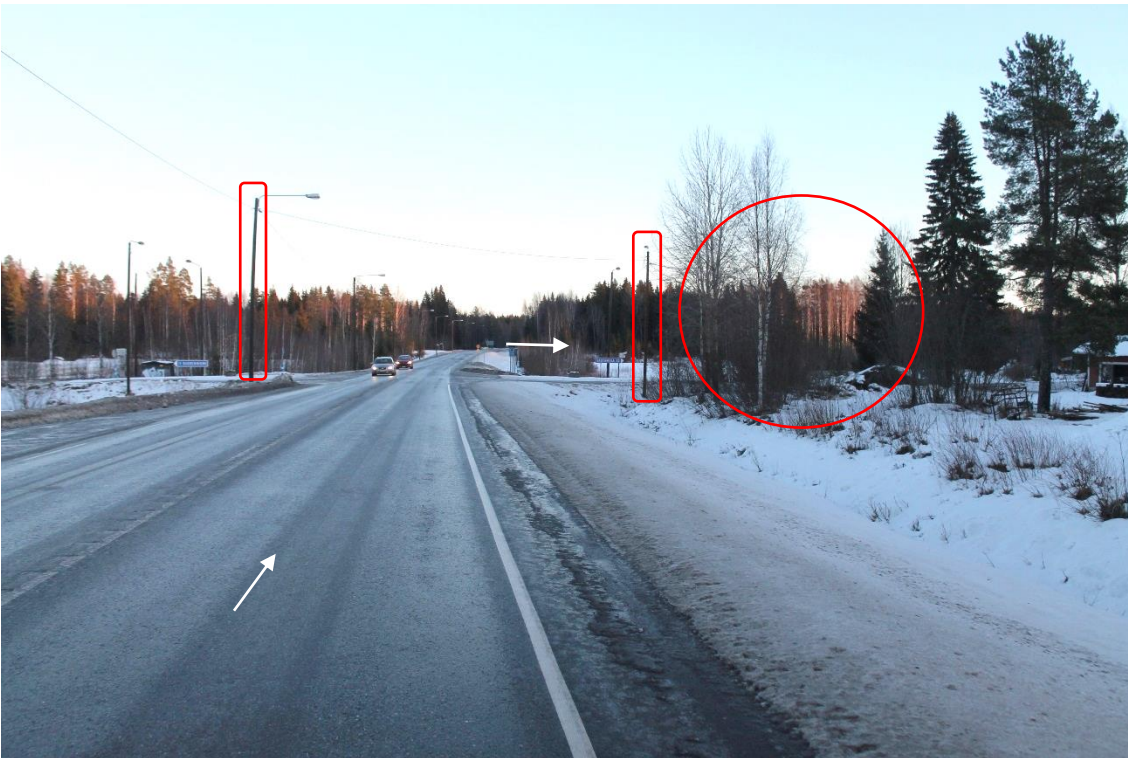
Map 3. Last part of the route.



4. Individual route sections

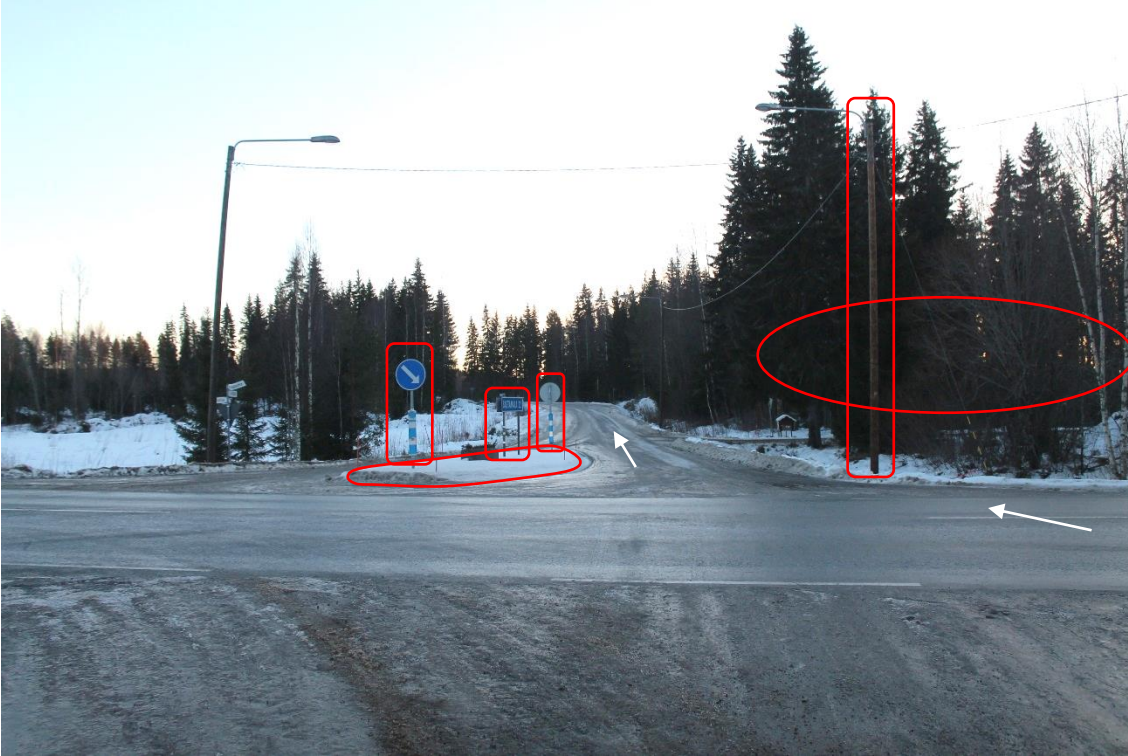


Pos 1/Pic 1. Turning from road 11 toward road 2492. <https://maps.app.goo.gl/tyKyKsinutRNpEwW6>
Marked sign and lamp posts need to be removed. Marked trees need to cut on private property.



Pos 1/Pic 2. Turning from road 11 toward road 2492. <https://maps.app.goo.gl/tyKyKsinutRNpEwW6>
Marked sign and lamp posts need to be removed. Marked trees need to cut on private property.





Pos 1/Pic 3. Turning from road 11 toward road 2492. <https://maps.app.goo.gl/tyKyKsinutRNpEwW6>
Marked signs and lamp post need to be removed. Marked trees need to cut on private property. Marked traffic island need to be flat and drivable.



Pos 2/Pic 4. Road 2492. <https://maps.app.goo.gl/QvbhgFwWhibRNkDb9>
Marked trees need to cut.

Positions 2-19 is tree cutting from private properties.





Pos 20/Pic 5. Road 2492. <https://maps.app.goo.gl/rwKitBoPhSPJTwvd6>
Marked trees need to cut.



Pos 20/Pic 6. Road 2492. <https://maps.app.goo.gl/rwKitBoPhSPJTwvd6>
Marked area need to be flat.

Positions 21 – 25 is tree cutting from private properties.





Pos 26/Pic 7. Road 2492. <https://maps.app.goo.gl/mRQHmcV67FBDLQV26>
Marked tree need to cut on private property.



Pos 26/Pic 8. Road 2492. <https://maps.app.goo.gl/mRQHmcV67FBDLQV26>
Marked trees need to cut on private property. Marked area need to be flat.

Positions 27 – 28 is tree cutting from private properties.





Pos 29/Pic 9. Turning from road 2492 toward Vuohijoentie. <https://maps.app.goo.gl/Wyz1T9j6cdKAwRt37>
Site entrance to be build according to specifications for site roads.



Pos 29/Pic 10. Turning from road 2492 toward Vuohijoentie. <https://maps.app.goo.gl/Wyz1T9j6cdKAwRt37>
Site entrance to be build according to specifications for site roads.





Pos 29/Pic 11. Turning from road 2492 toward Vuohijoentie. <https://maps.app.goo.gl/Wyz1T9j6cdKAwRt37>
Site entrance to be build according to specifications for site roads.



5. General notes regarding overhead lines

Based on the survey 19.12.2023 there are following amount of overhead lines between road 11 (Pos 1) and original site entrance KärmeKallio :

Low voltage protected height under 6,80m 3 pcs.

Phone cable protected height under 6,80m 0 pcs.

High voltage height under 7,80 m (transport height + safety margin 1,0 m) 0 pcs.

Traffic portal height under 6,80 m 0 pcs.

