



Tegnforklaring

- Transportrute offentlig vei
- Områderegulering
- Stokkfjellet vindkraftverk

Stokkfjellet 2 vindkraftverk, Selbu kommune

Oversiktskart

ANEO

Transportrute fra kai

Oppdrag: 10250755

Tegnet: ØWJ

Kartgrunnlag: TopoNorge4, Kartverket

Målestokk A4 1:175 000

Dato: 26.2.2026

Utarbeidet av:

Multiconsult

Multiconsult AS
Postboks 2070
7708 Steinkjer

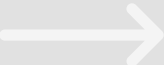
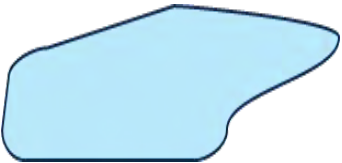
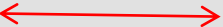


Route survey
Hommelvik - Stokkfjellet wind farm
WWL ALS NORDIC AS 13-16.11.2023
For Aneo

This route survey was carried out to determine the maximum weight and length of components that is possible to transport from Hommelvik to Stokkfjellet Wind farm. The research shows evidence of a maximum blade length of 74 meters, and towers of 5,35Ø - 94 tonnes. To be able to conclude on the possibility of towers with a larger diameter than 5,35m, it was applied for a permit in order to pressure test the bridges along the route. This test concluded with a result that no bigger towers than the existing ones at Stokkfjellet can be transported on that particular route. The reason for this conclusion is a bearing capacity related damage on 17-1060 Korsveien Bru, on FV.705, which makes it impossible to cross with the applied weights.

For it to be possible to install a turbine with a blade length of 74 meters, similar tower dimensions as on the V136 can be used, however the wind turbine must then consist of five tower sections and not four.

Furthermore this report determines the extent of required road modifications for safe transportation of main components to the windfarm.

Symbol explanation	
	Driving direction
	Objects that needs to be removed/made removable
	Location on map
	Areas that must be leveled and made drivable
	Road barriers that must be removed
	Height measurment

Project Data

Date of Route Survey: 13-16 November, Week 46, 2023

Responsible for Route Survey Mikko Nevanlahti, WWL ALS NORDIC.

Pick up point of components: Port of Hommelvik, Norway.

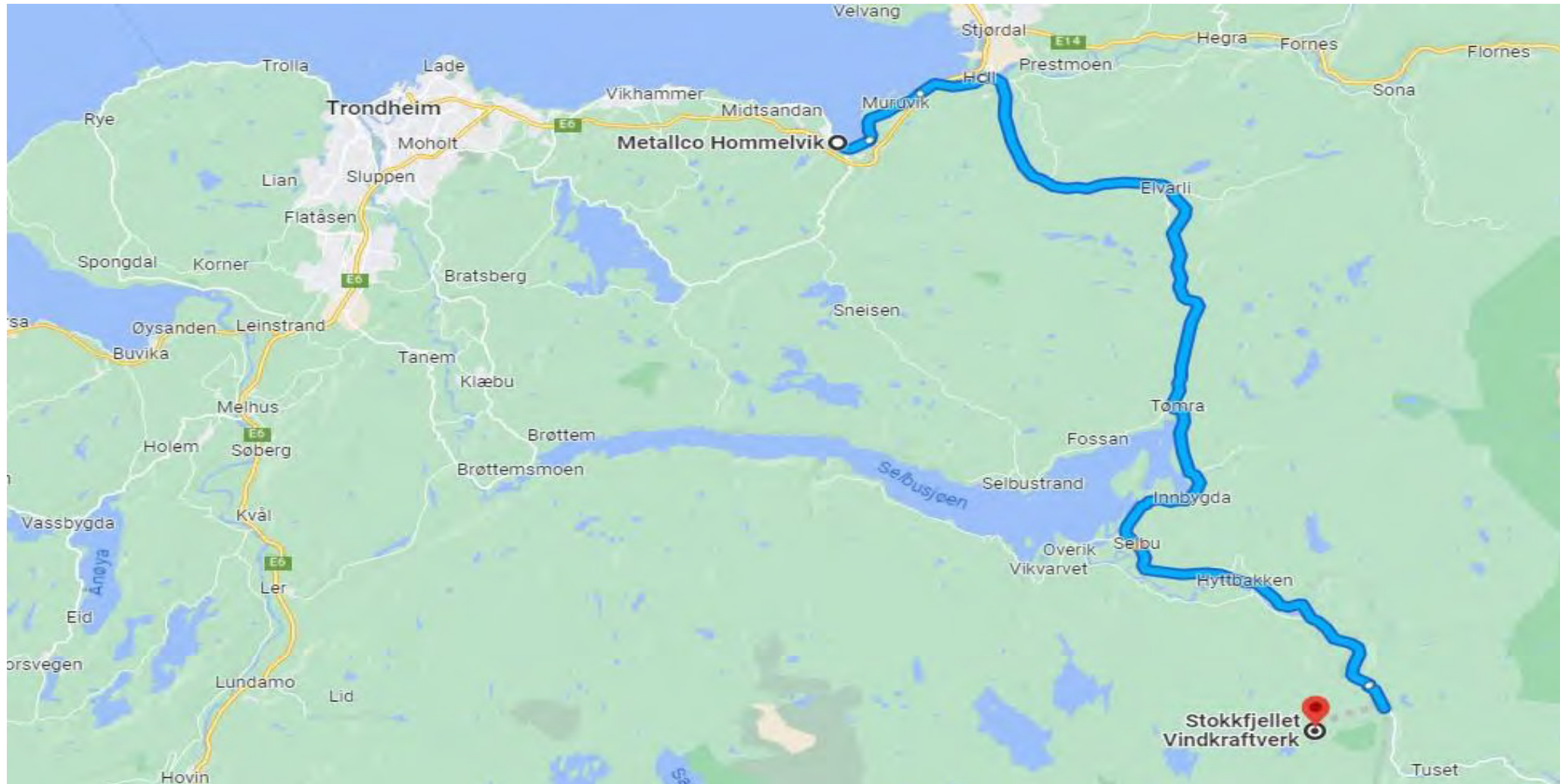
Site location/Point of discharge: Stokkfjellet Windfarm

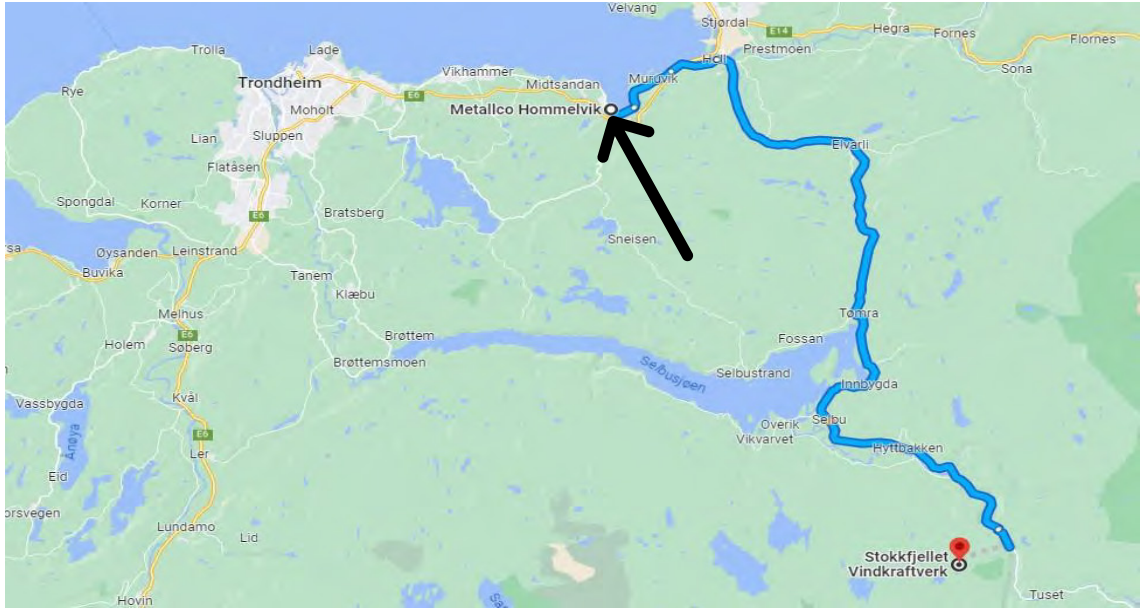
Distance – Transport route: 60,9 km

Number of bridges/ditch drums: 11

Route survey measurements is based on: Drawing on the following pages, drone and simulator

ROUTE OVERVIEW



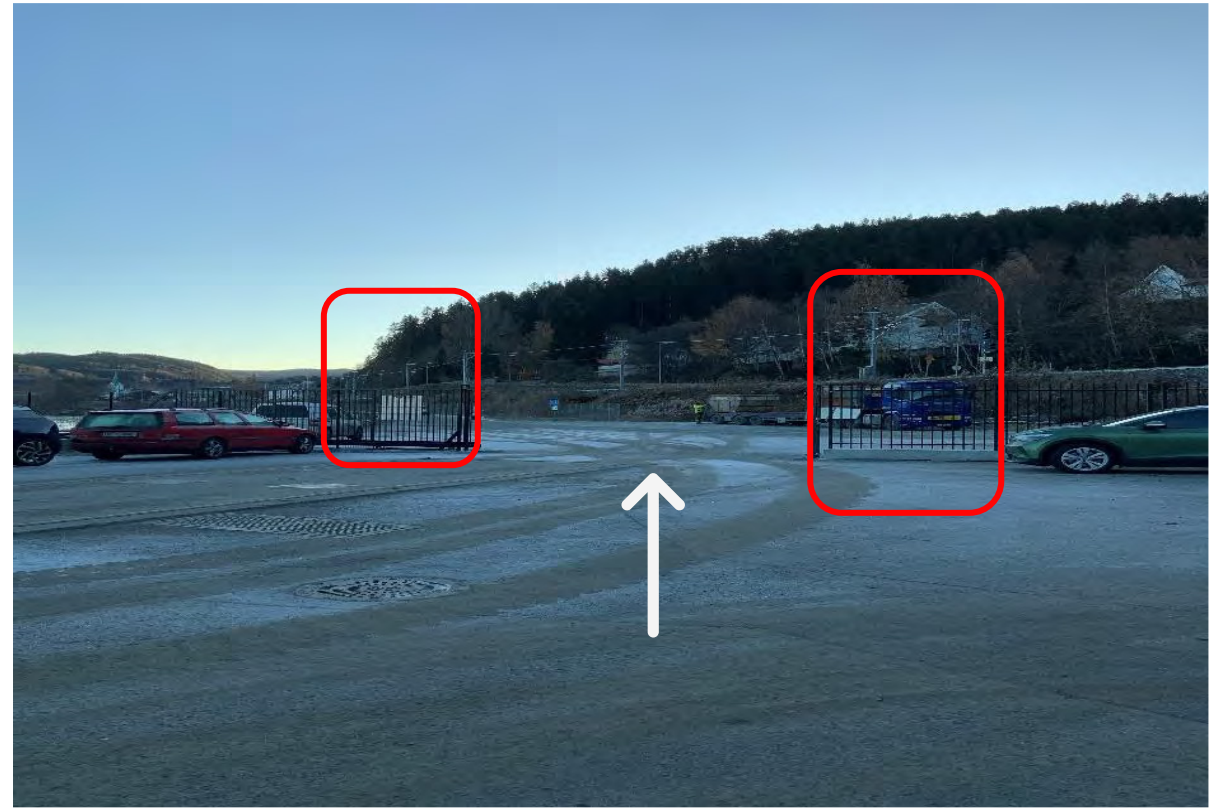


Location: Djuphavskaia
Length of quay: 117 meters
Width of quay: 12 meters
Weight limitations: 11 tons per m²

MODIFICATIONS

Remove entry gate

The gate is constructed so it is easy to move/remove





Location: Storage area

Remarks: 20% less in M² then what the drawings say. Space issue with V-136, in 2021

On upper photo, from 2021, blades are not stored, they need to be stacked tip-toe in order to fit into storage area

Lower photo from November 2023



Area should be able to cater for 6 complete WTGs based on a 5- tower section WTG

Location: Storage Exit

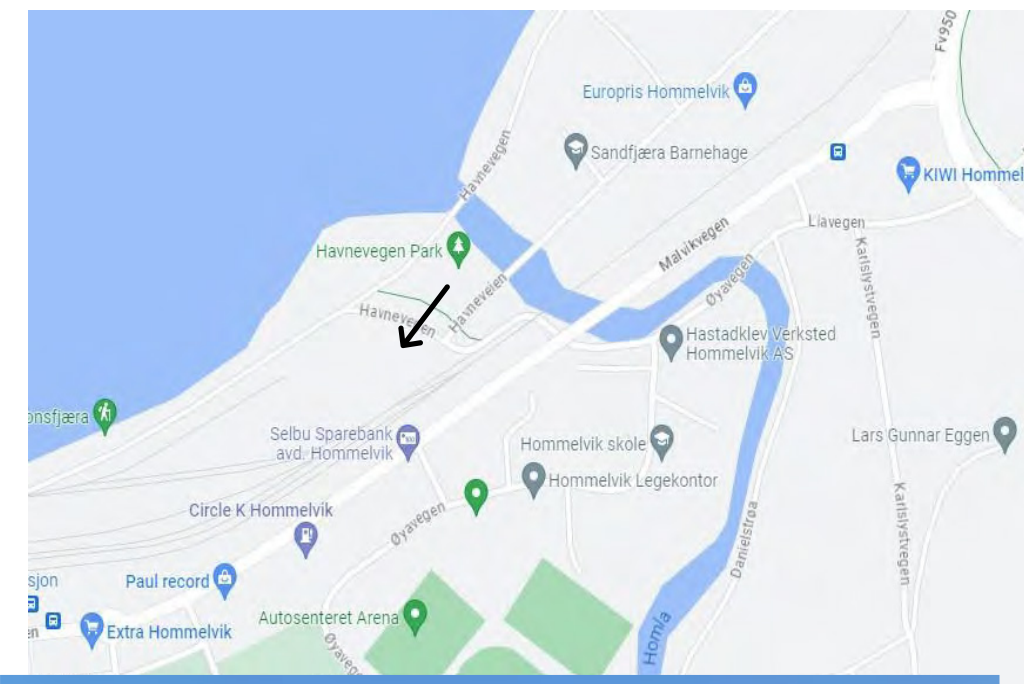
<https://maps.app.goo.gl/WMkwwgHtmkm65gzfq5>

Modifications:

Asphalt needs to be put to level the area to road level, to enable transports to exit storage area onto Havnevegen.

Sign must be made removeable

Light pole needs to be removed



Location: Havneveien

<https://maps.app.goo.gl/txttb6zEcJQtN2oc9>

INFO

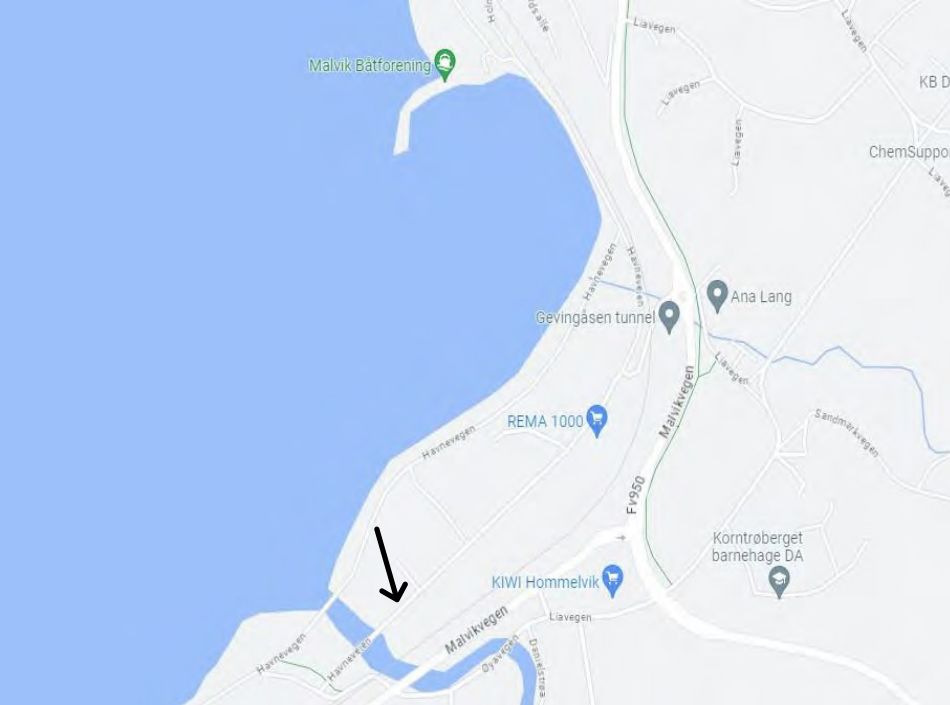
Road width: 6,0 m

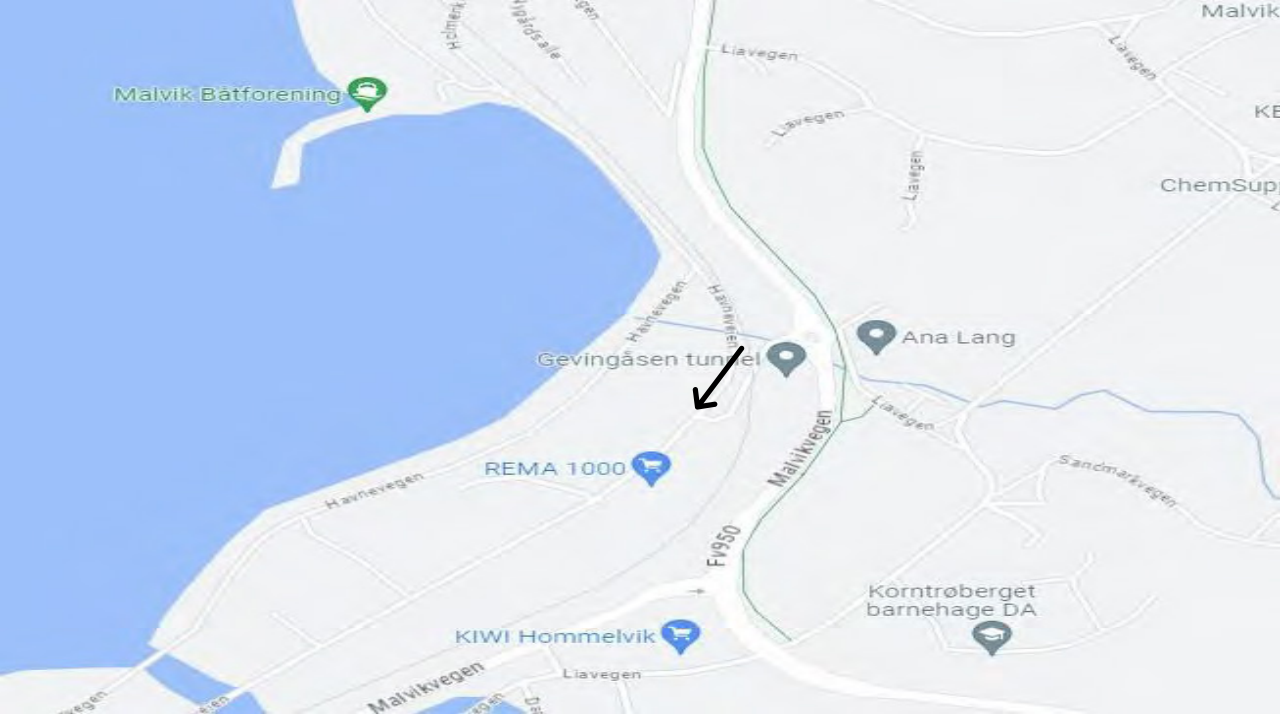
7,7m between light poles

5,5m between tree branches

Modifications:

Trees along whole Havnevegen must be removed / cut, on the branches that leans in on the road.





Location: Havneveien, Crossing at Rema 1000

<https://maps.app.goo.gl/psFnq7e7sEWpDaqt5>

Modifications:

4 light poles must be removed

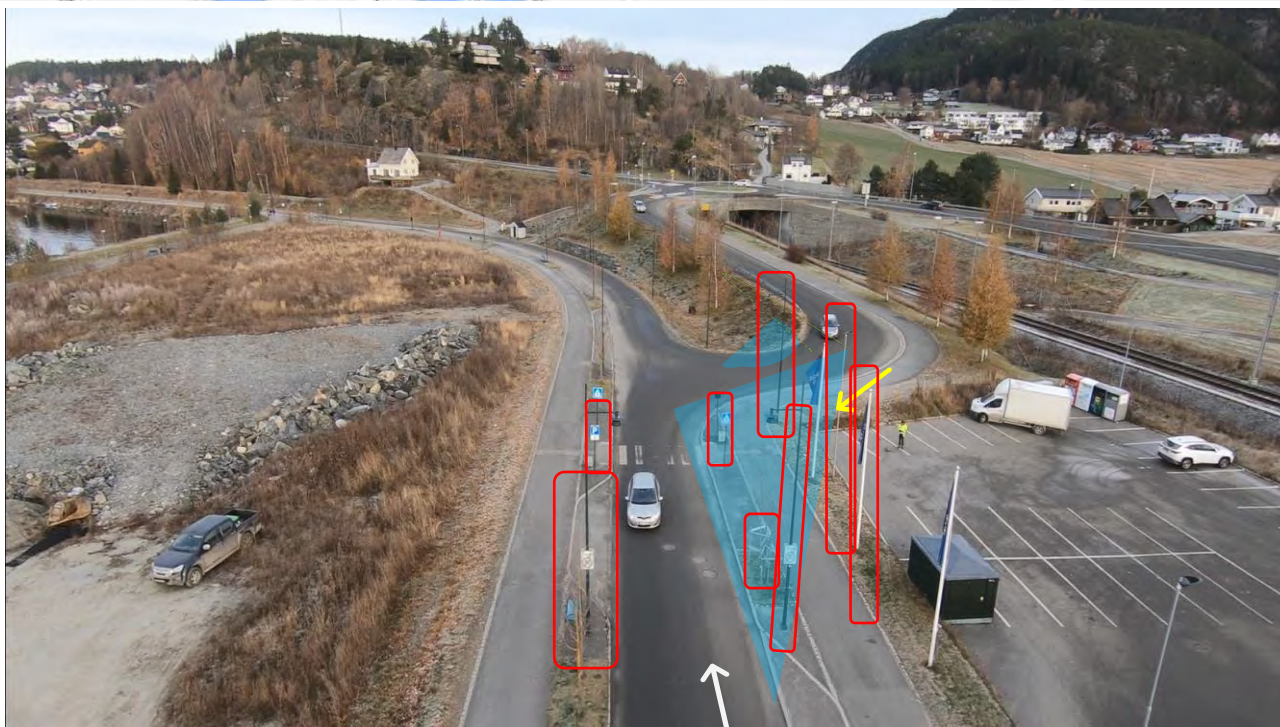
3 signs must be made removable

2 Flag poles must be removed

Trees marked must be removed

Blue area must be level with road and made drivable

Auto barrier must be removed (15 meters) marked in green



Location: Havneveien-Malvikvegen Roundabout

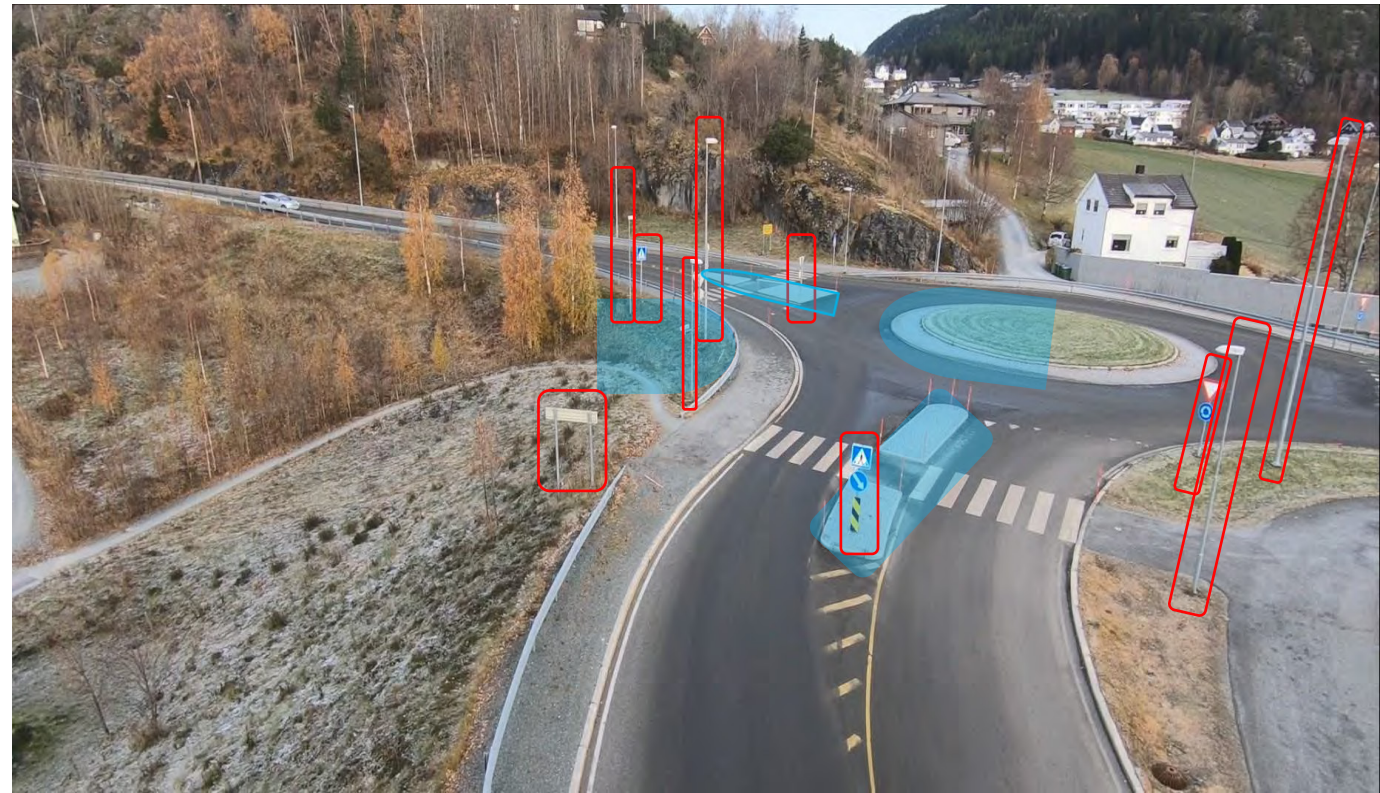
<https://maps.app.goo.gl/imbyMFhNEg95rDCo6>

Modifications:

Blue areas must be leveled and made driveable

6 light poles must be removed

6 signs must be made removable





Location: Malvikvegen, Hommelvik

<https://maps.app.goo.gl/ysdEPMaNoTvDKDDi8>

Modifications:

4 signs must be made removable

With similar tower sections as V136 towers delivered 2021, no other modifications needed.



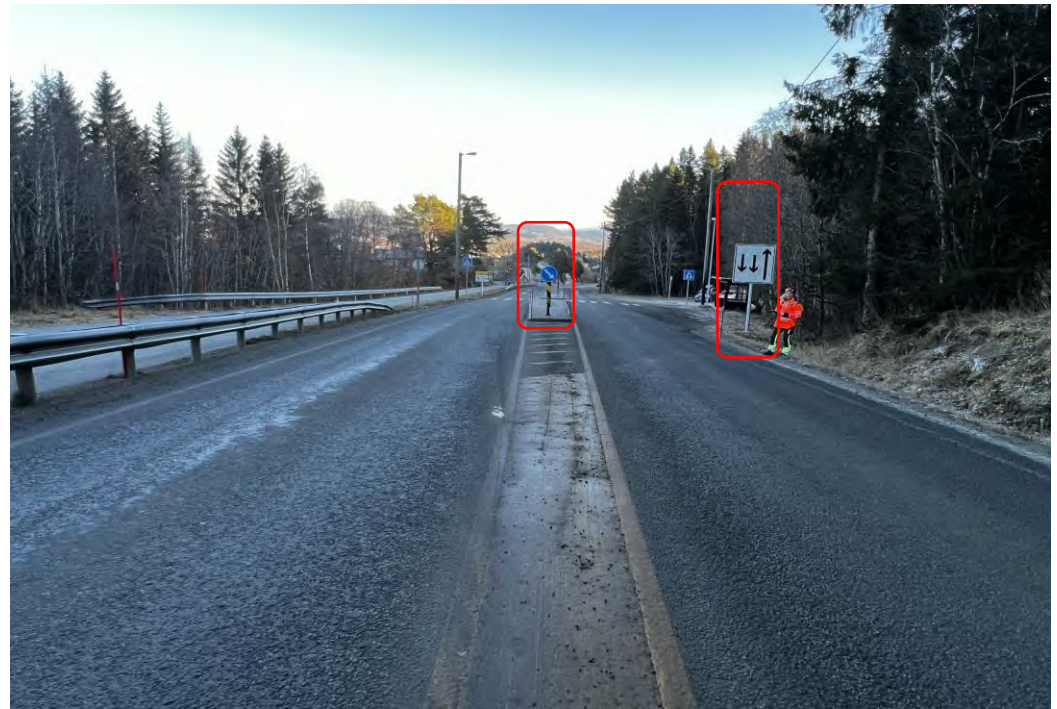


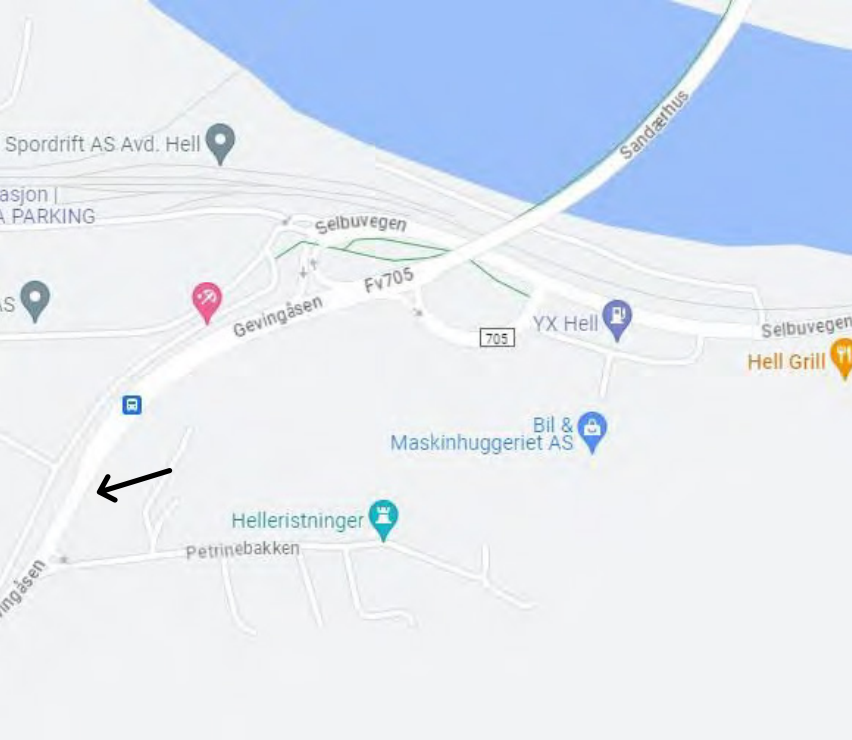
Location: Gevingåsen, Hell

<https://maps.app.goo.gl/T2mDQpxYb7csduzw6>

Modifications:

2 signs must be made removable





Location: Gevingåsen-705, Hell

<https://maps.app.goo.gl/ZCe1D9g6WReeiTgK9>

Modifications:

1 Sign from the start of island must be made removable

1 Sign from the end of island must be made removable

Start of the island needs to be leveled with road and made drivable

End of the island needs to be leveled with road and made drivable



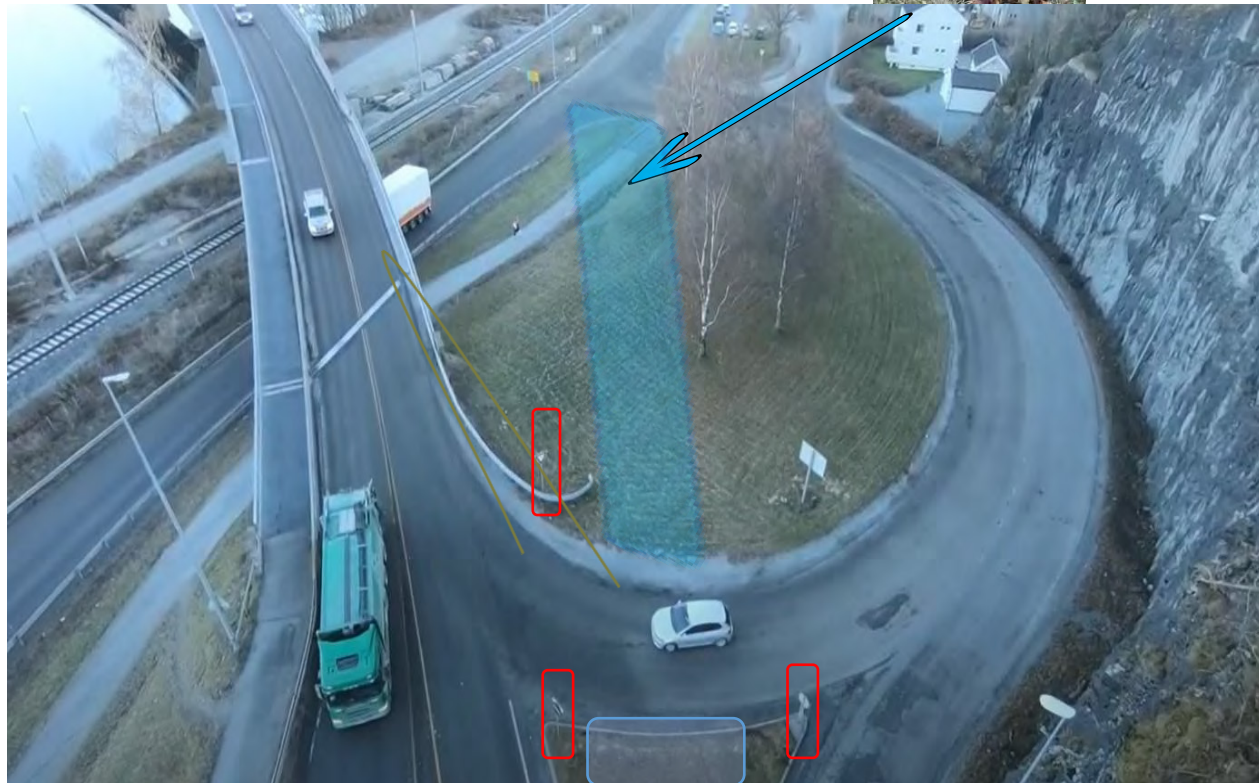
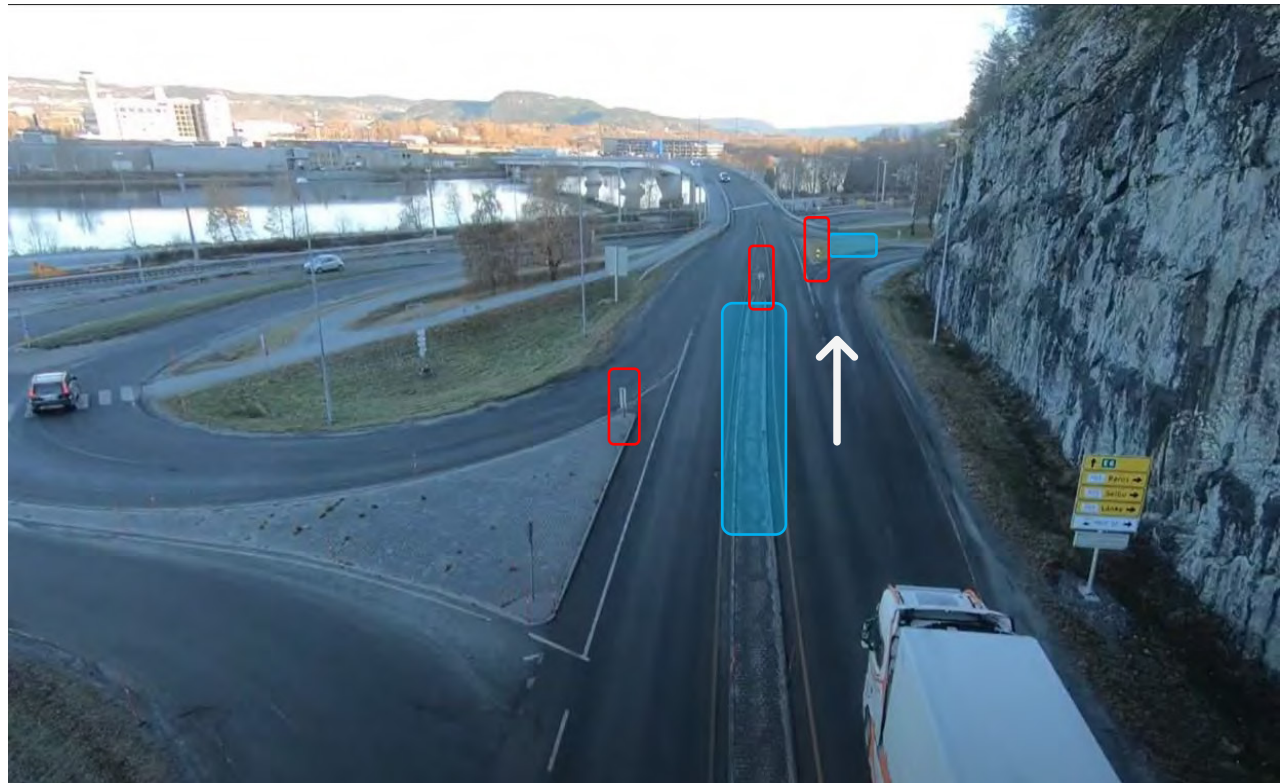


Modifications:

Blue areas must be leveled with road and made drivable

Signs marked must be made removable

After 2021 a sewer is made next to the bicycle road, see blue arrow on picture below



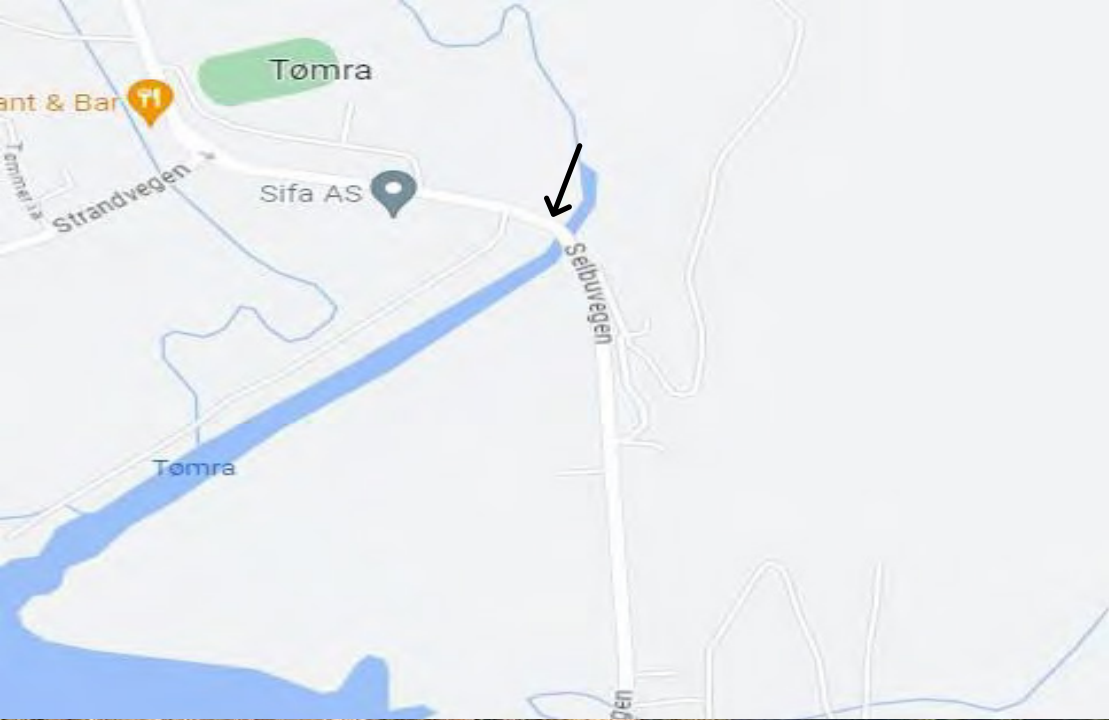
Modifications:

Sign must be made removable

Railing must be modified

Road needs to be leveled and made driveable





Location: Selbuvegen, Tømra

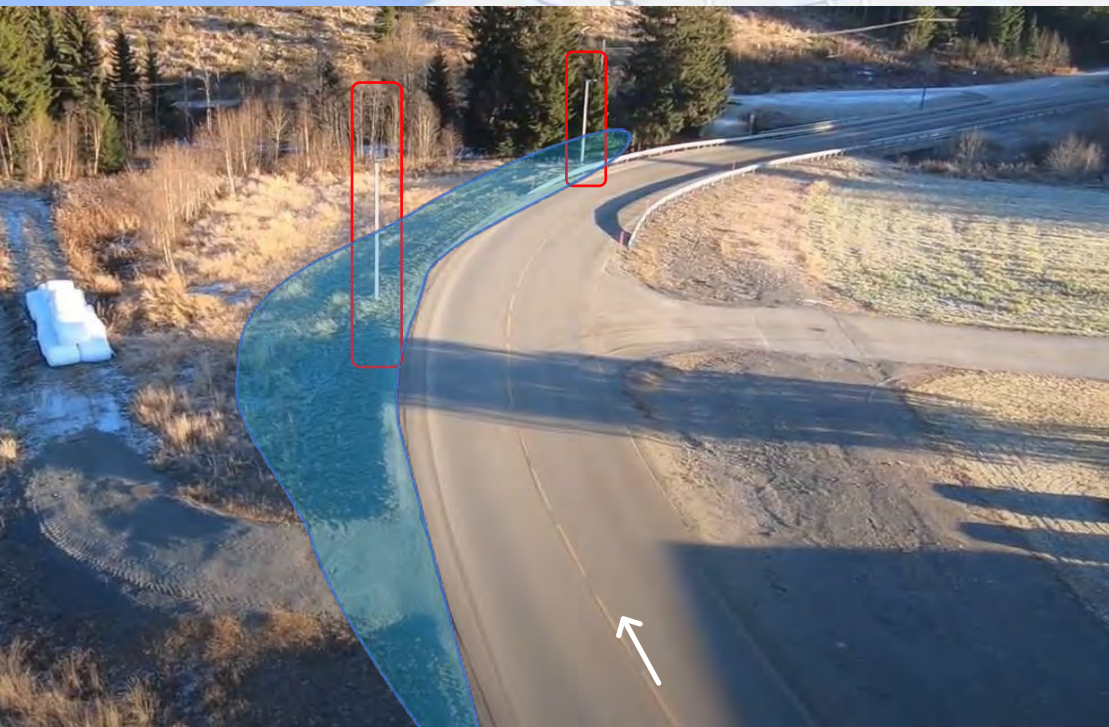
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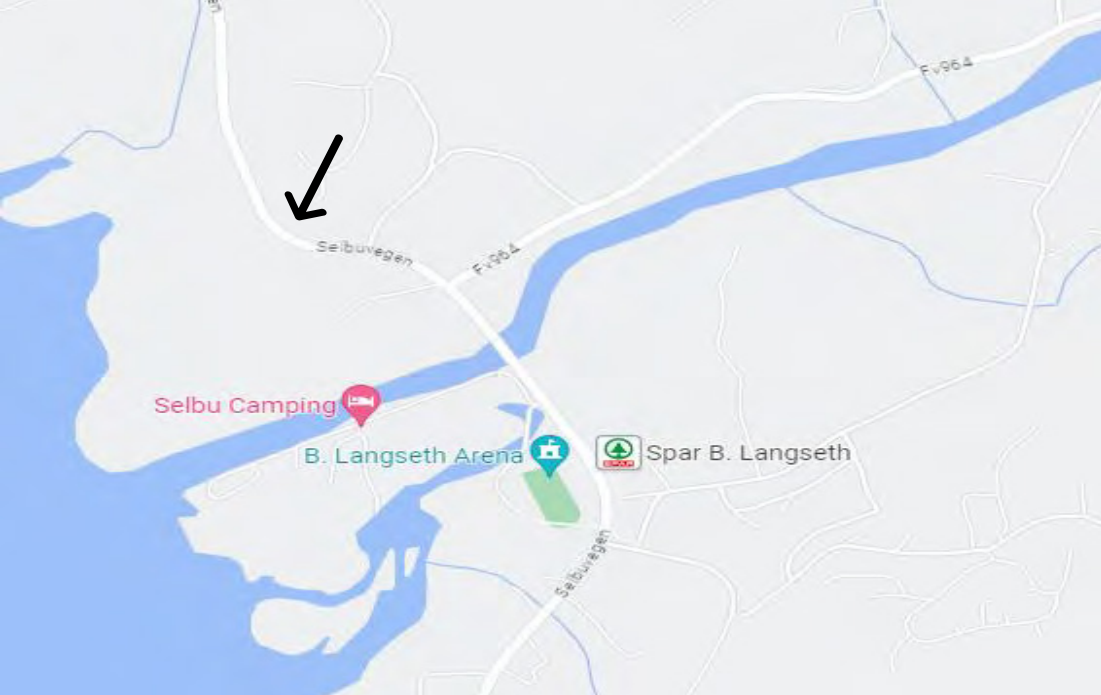
Modifications:

2 light poles must be removed

Road needs to be leveled and made drivable

Railings need to be shorten





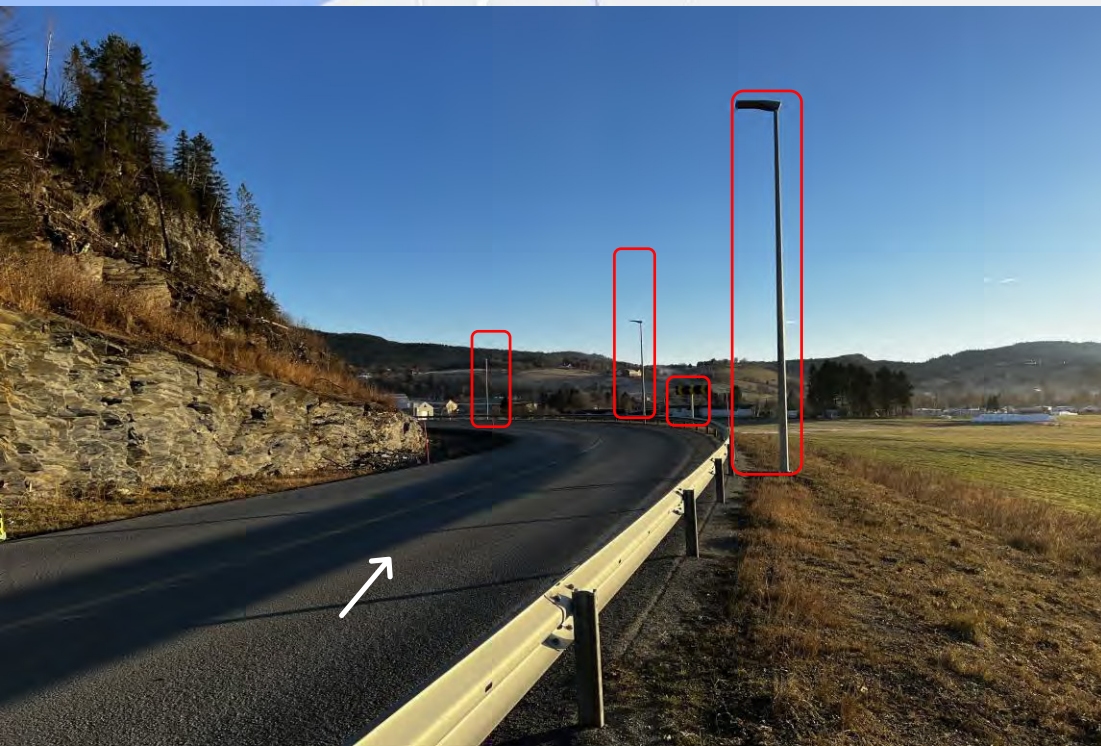
Location: Selbuvegen, Langseth

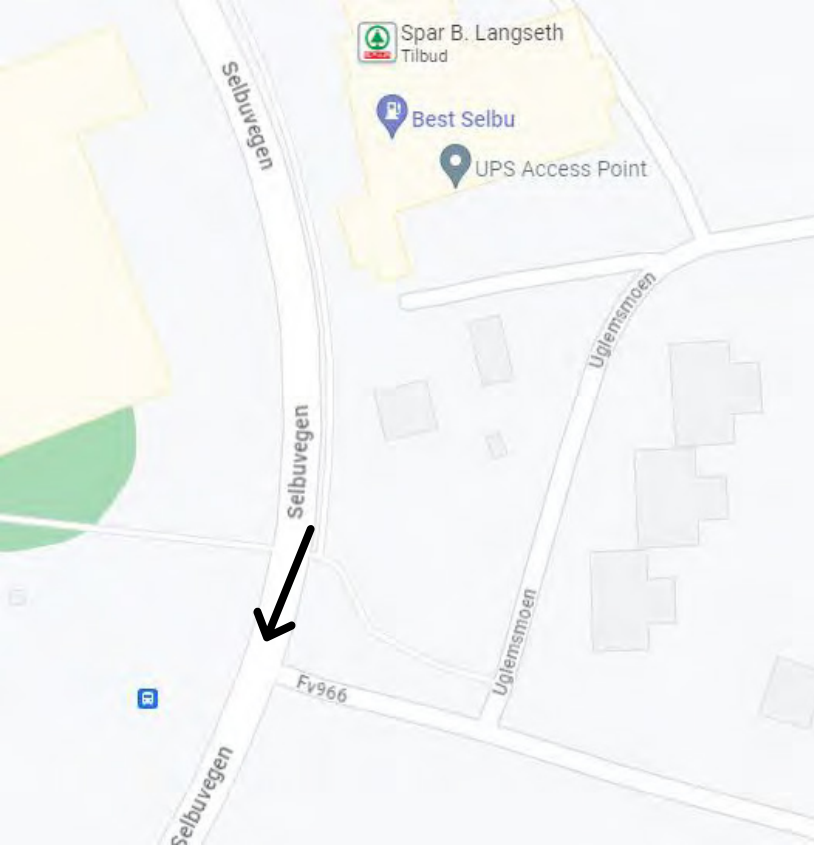
<https://maps.app.goo.gl/8PuVojQ2Kwq5KdbNA>

Modifications:

3 Light poles must be removed

1 Sign must be made removable



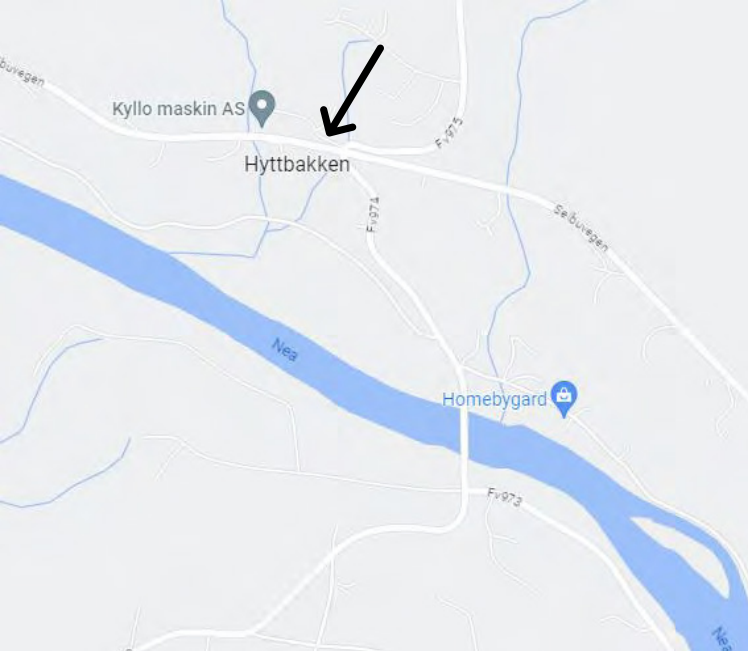


**Location: Selbuvegen,
Langseth**

<https://maps.app.goo.gl/iZ39Gv9dCHDC4Noc7>

Info:

Traffic light height : 5,195m



Location: Selbuvegen-Fv974, Hyttbakken

<https://maps.app.goo.gl/WEJxBgo8ZWkJmHJYA>

Modifications:

Blue areas must be leveled with
road and made drivable

Signs must be made removable

Light poles must be removed

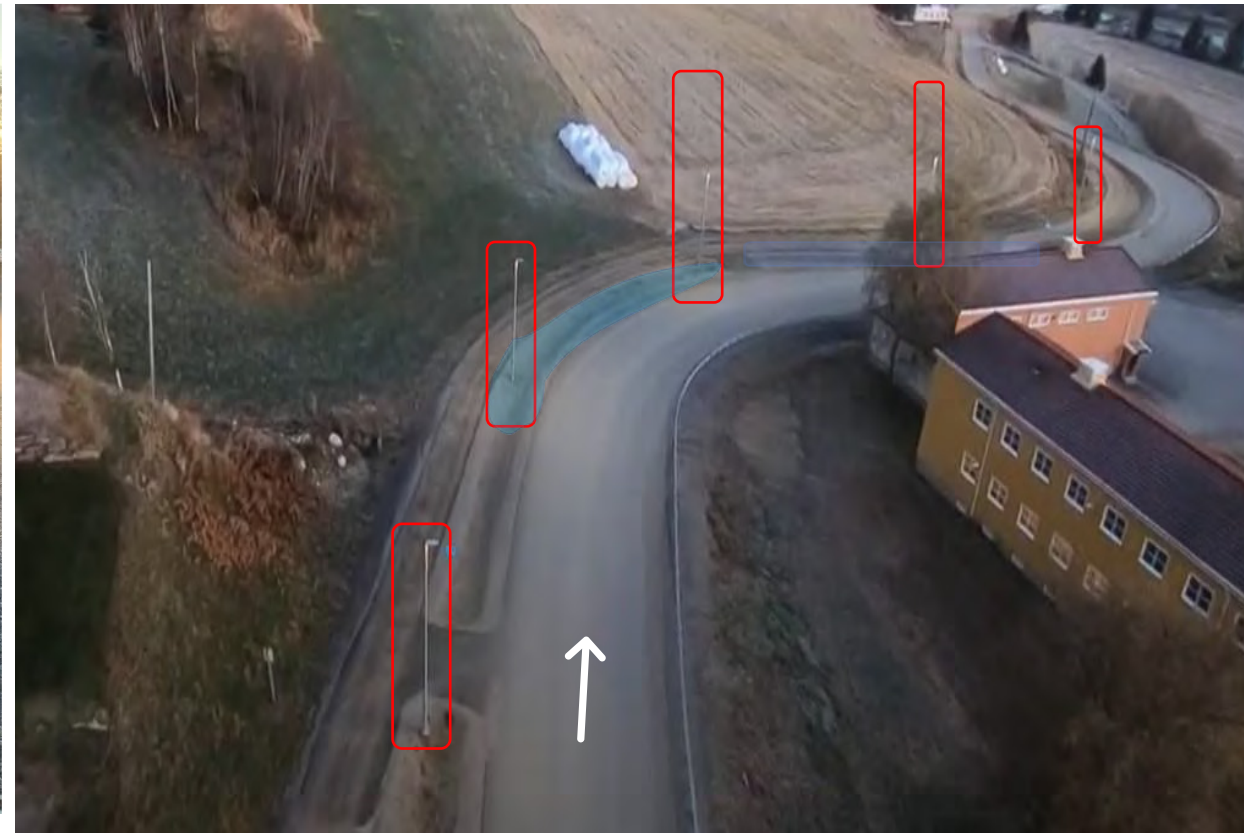
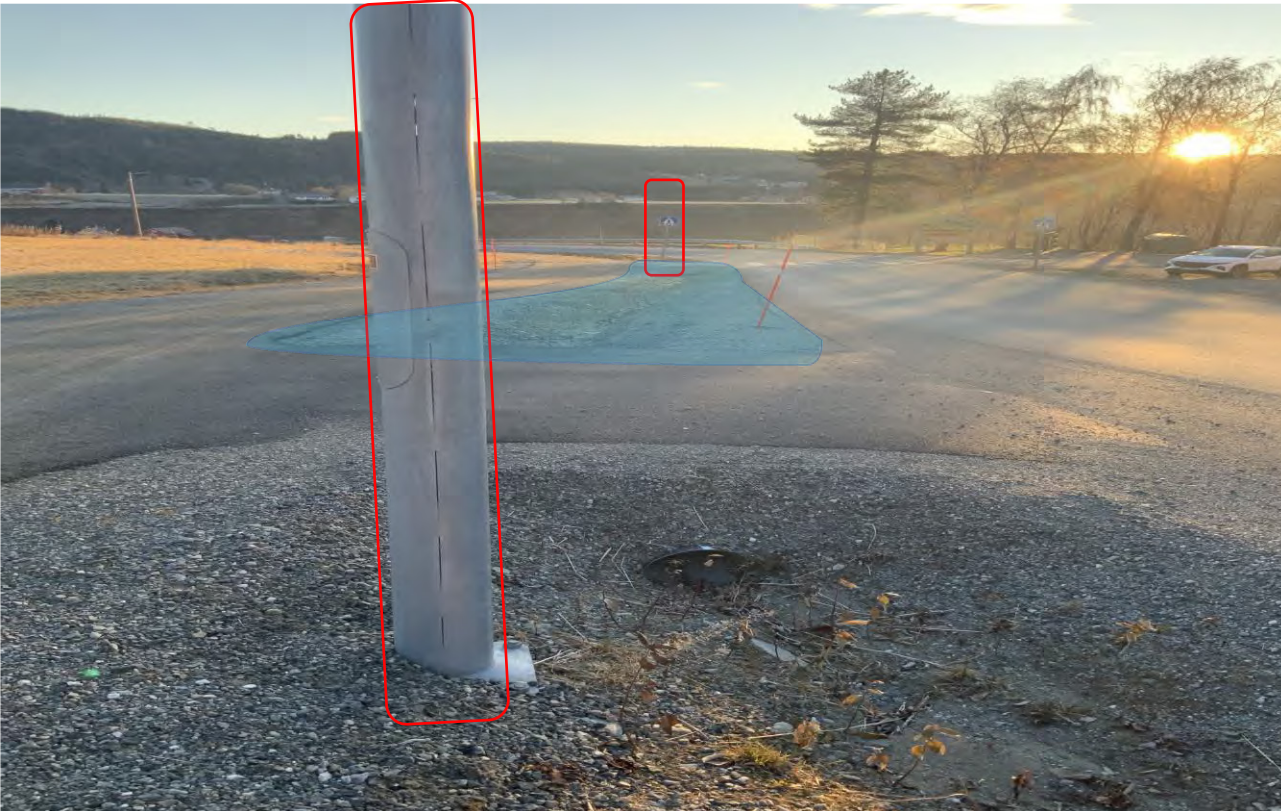


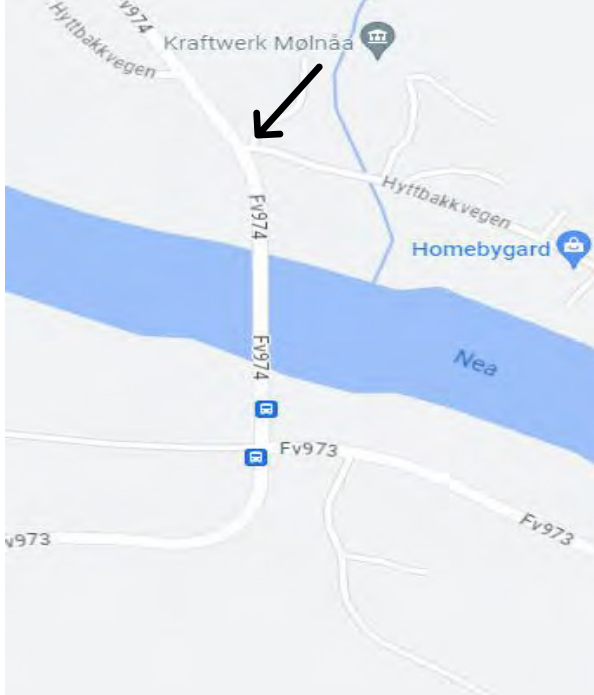
Modifications:

Blue areas must be leveled
with road and made drivable

Light poles must be removed

Signs must be made
removable





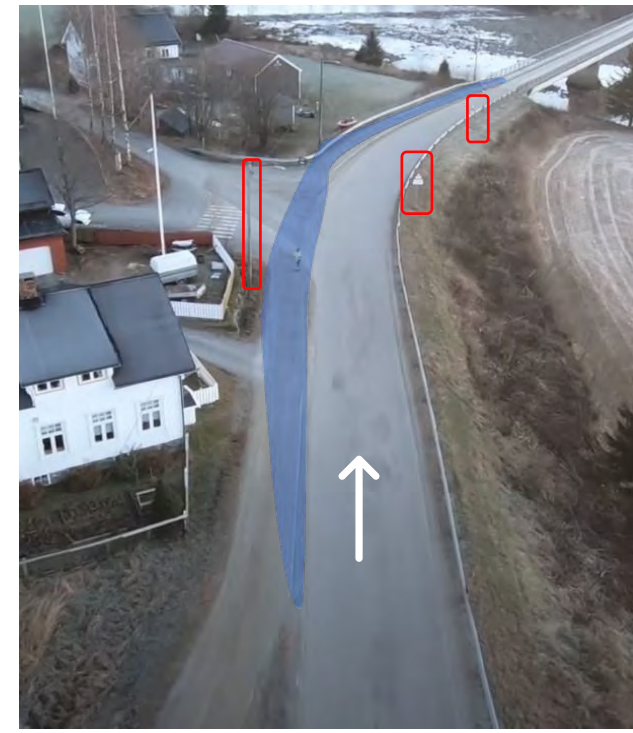
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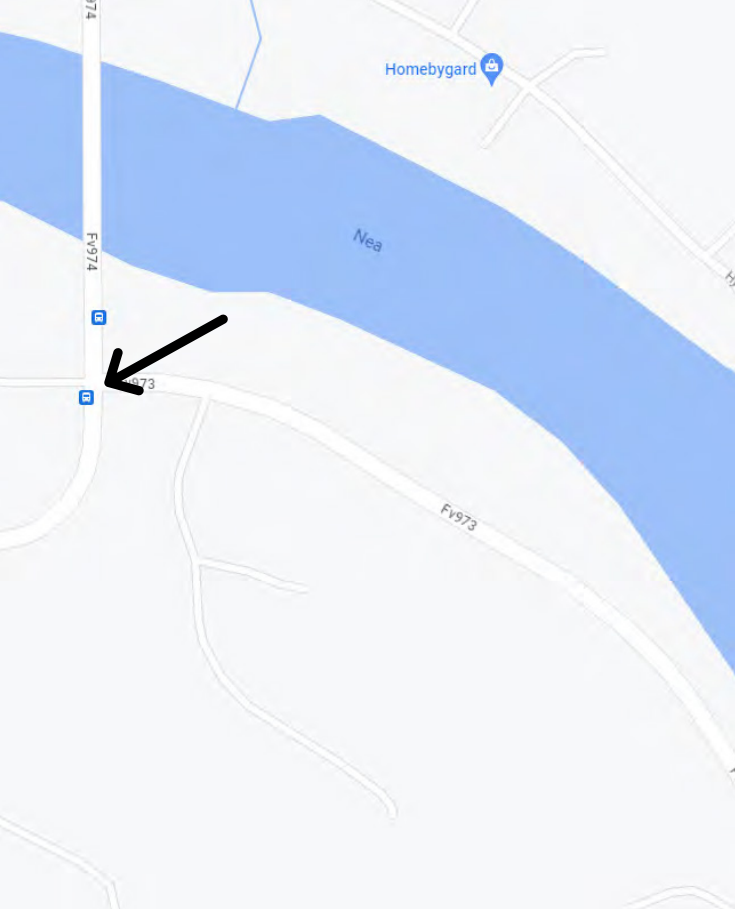
Modifications:

Blue areas must be leveled with road and made drivable

Light poles must be removed

Signs must be made removable





Location: Fv974-Fv973, Hyttbakken

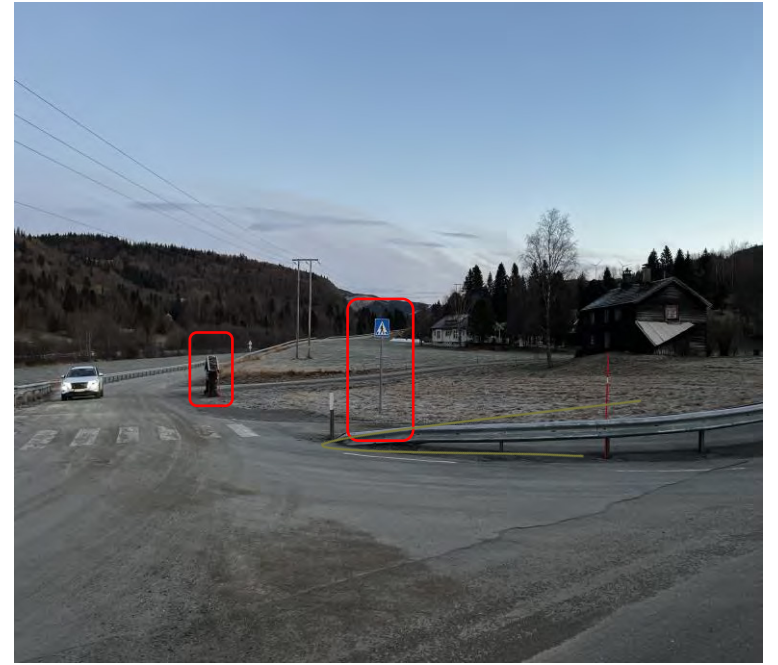
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Modifications:

Blue areas must be leveled with road and made drivable

Signs must be made removable

Green areas railing to be removed



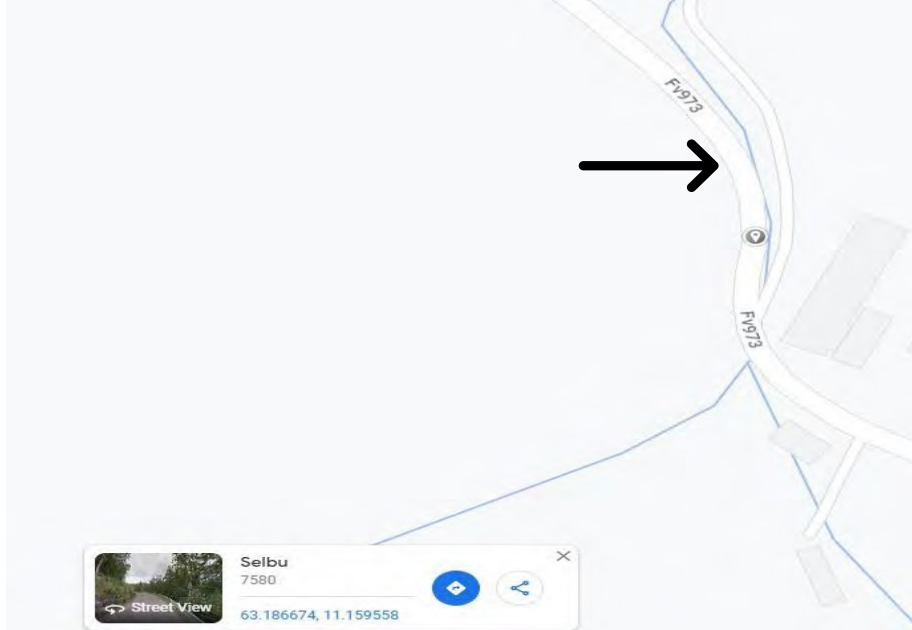
Location: Site entrance

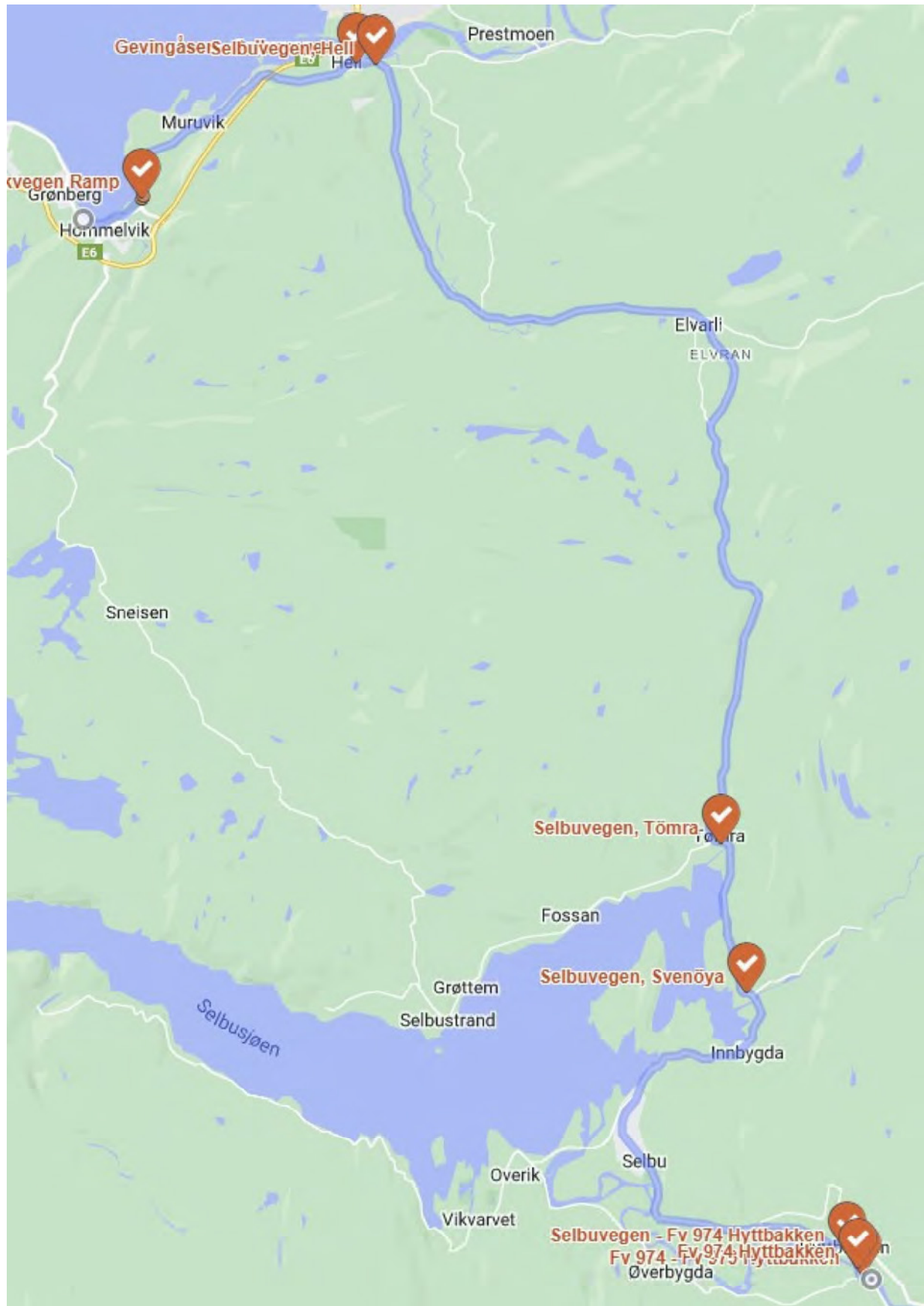
<https://maps.app.goo.gl/GXPx3w9B3qGStoo6A>

Modifications:

Blue areas must be leveled with road and made drivable

Signs must be made removable





Passability Check Report

Transport: Stokkfjellet 2.0
Checked by: WWL ALS Nordic, Mikko Nevanlahti
Checked with: HeavyGoods.net
Date: 17 November 2023

Route section

Version #1



i The vehicle data has been deposited by WWL ALS Nordic.

- ☒ Driveable Area
- ☐ Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- ☐ Area sweepable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

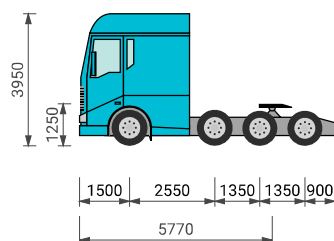


Fig.1 Tractor - Sideview

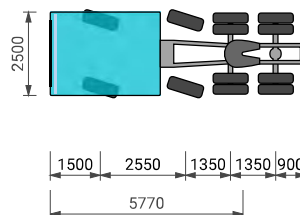


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

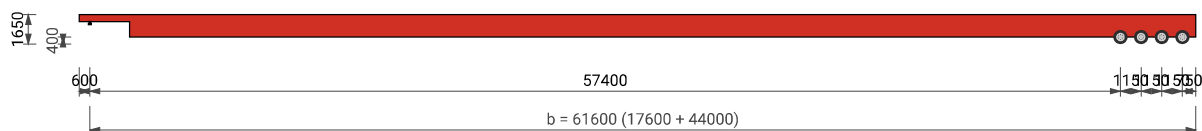


Fig.1 Semitrailer - Sideview

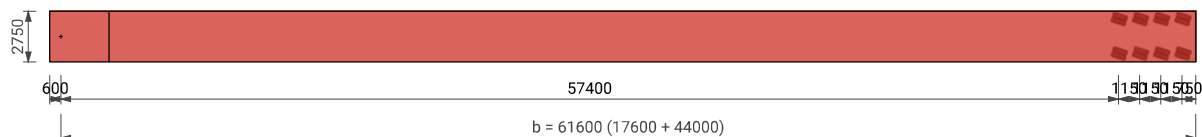


Fig.1 Semitrailer - Topview

Vehicle combination

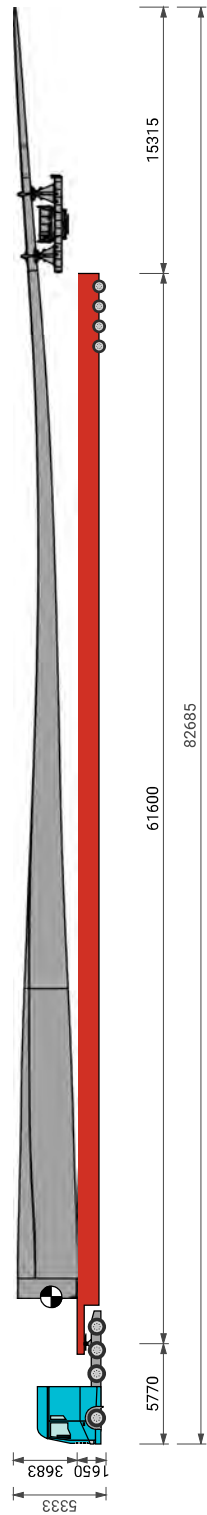


Fig.- Couple Size - Sideview

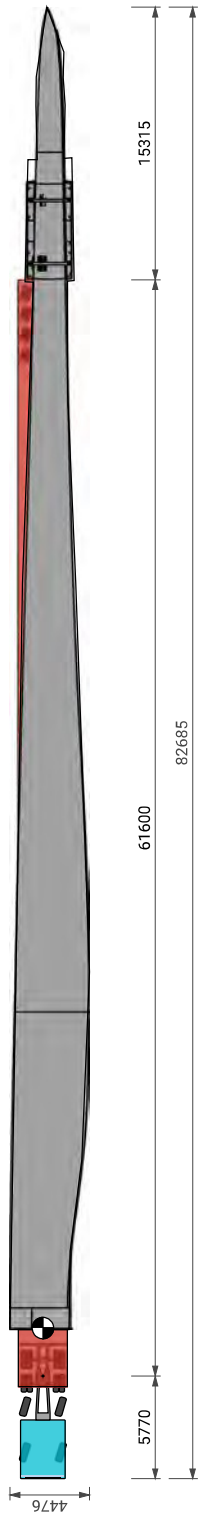


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

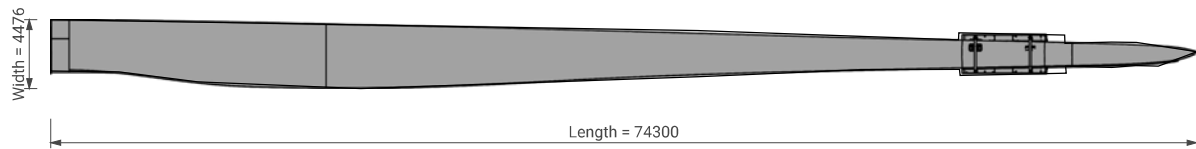


Fig.1 Cargo - Topview

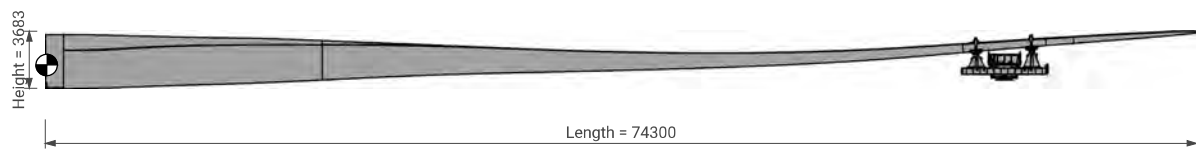
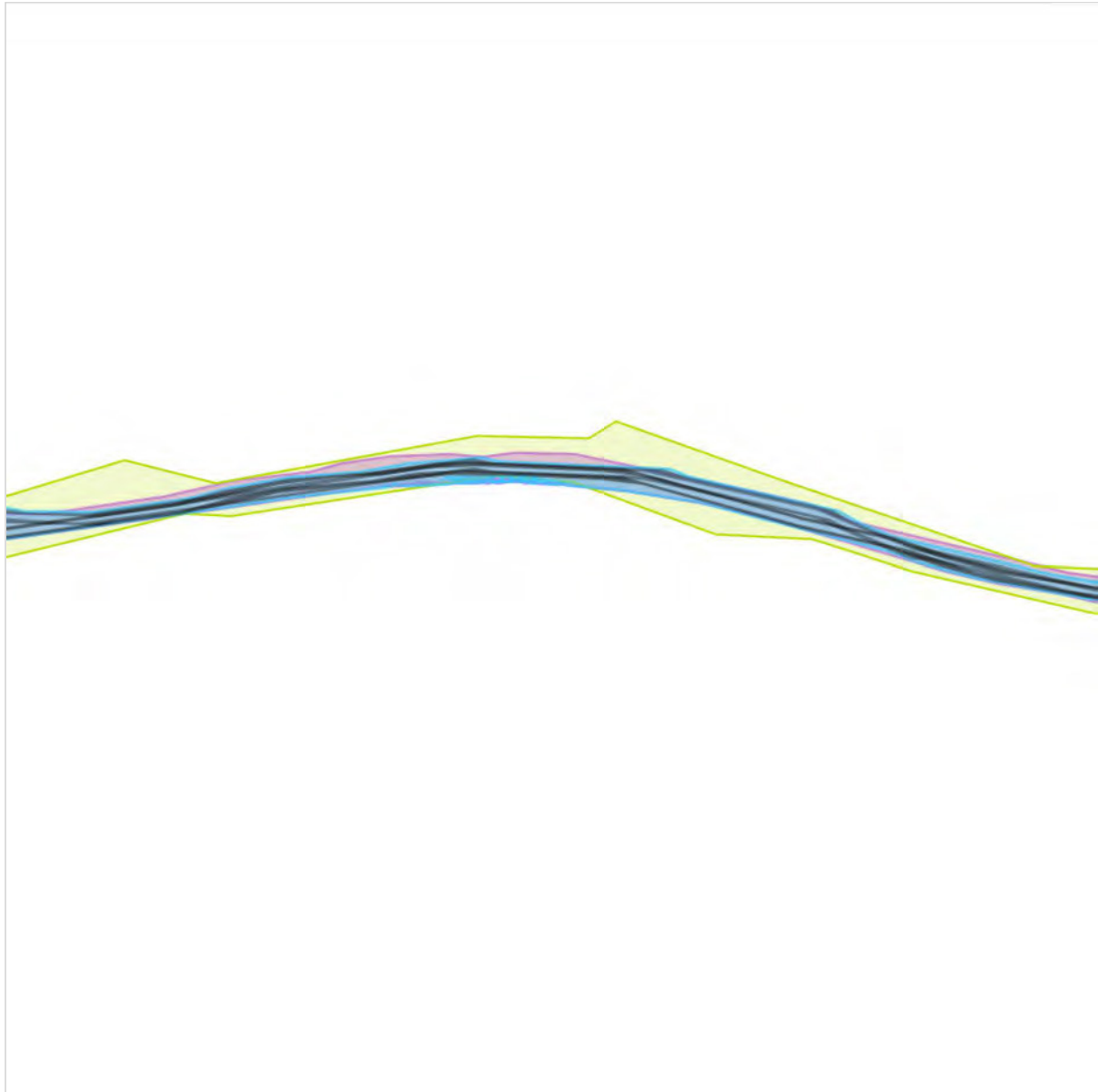


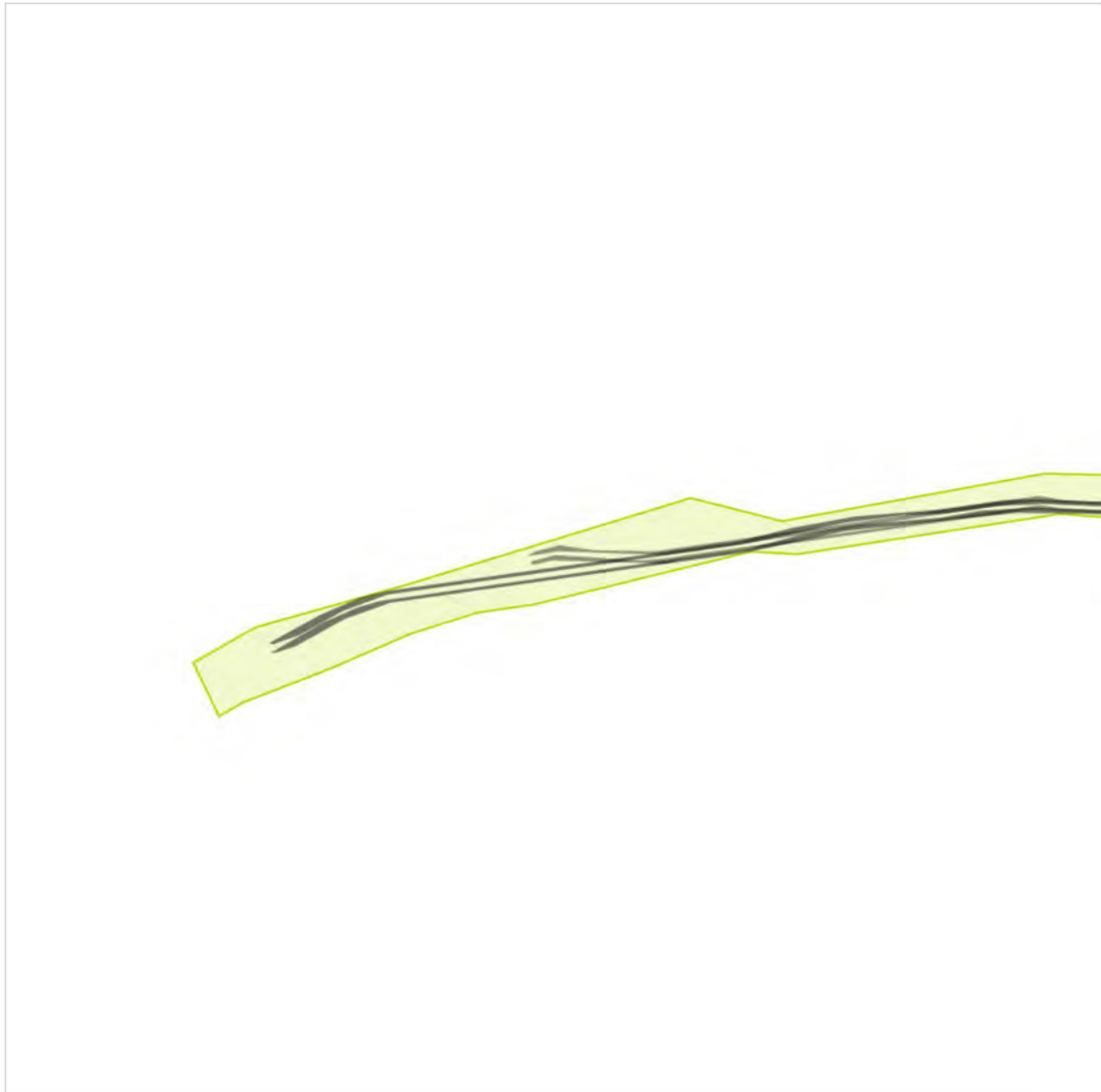
Fig.1 Cargo - Sideview

Passability Check



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

Transport: Stokkfjellet 2.0
Checked by: WWL ALS Nordic, Mikko Nevanlahti
Checked with: HeavyGoods.net
Date: 17 November 2023

Route section

Version #1



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- Area sweepable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

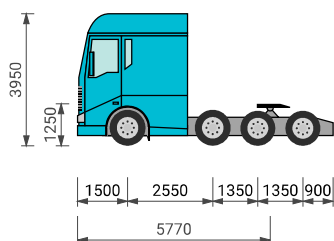


Fig.1 Tractor - Sideview

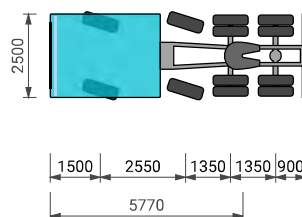


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

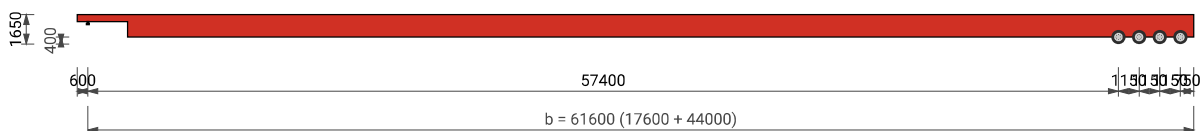


Fig.1 Semitrailer - Sideview

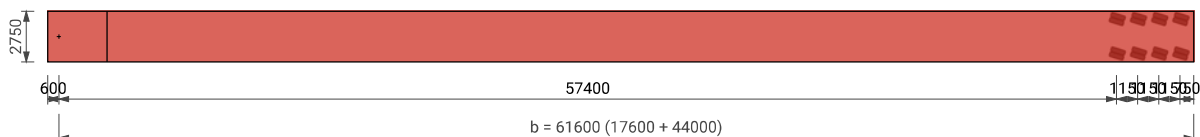


Fig.1 Semitrailer - Topview

Vehicle combination

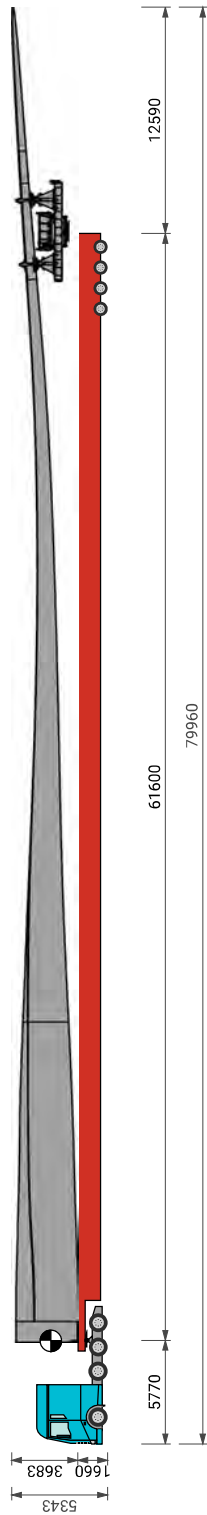


Fig.- Couple Size - Sideview

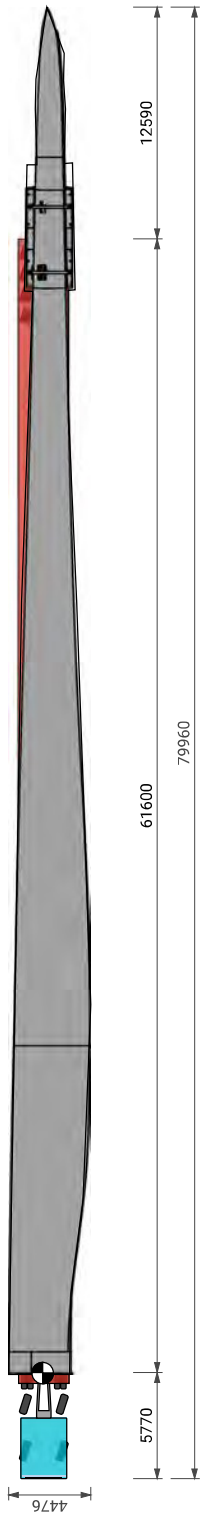


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

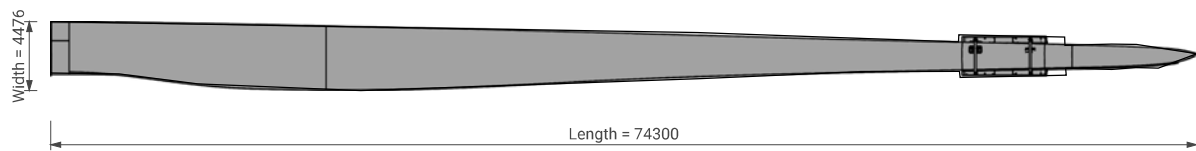


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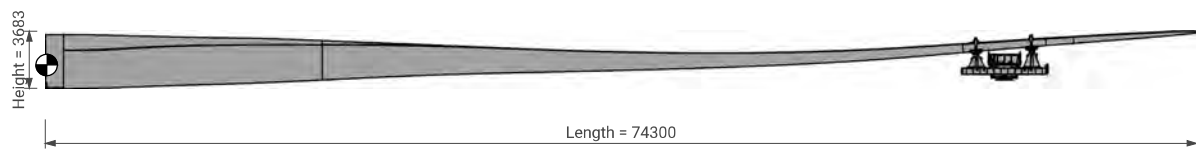
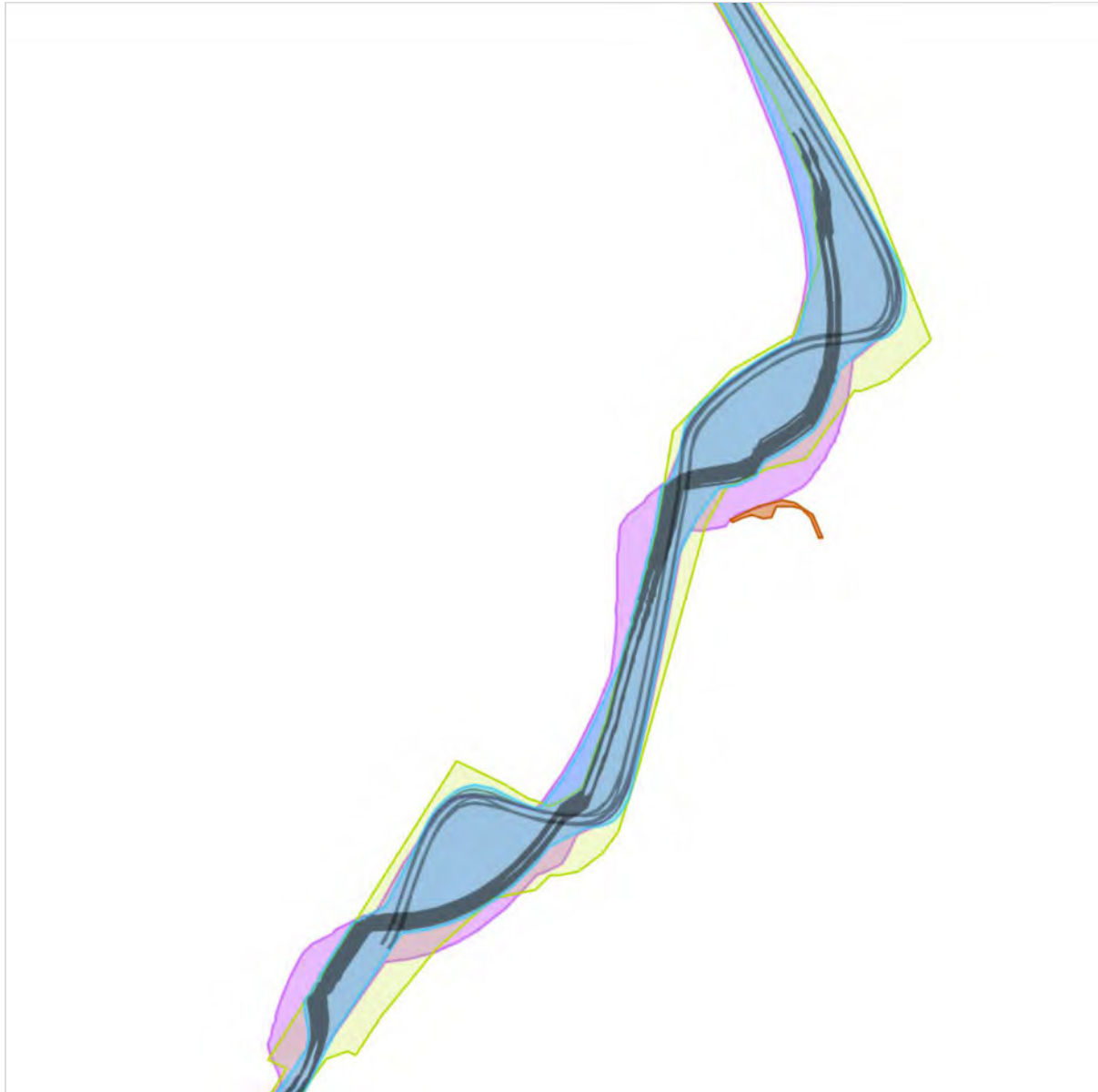


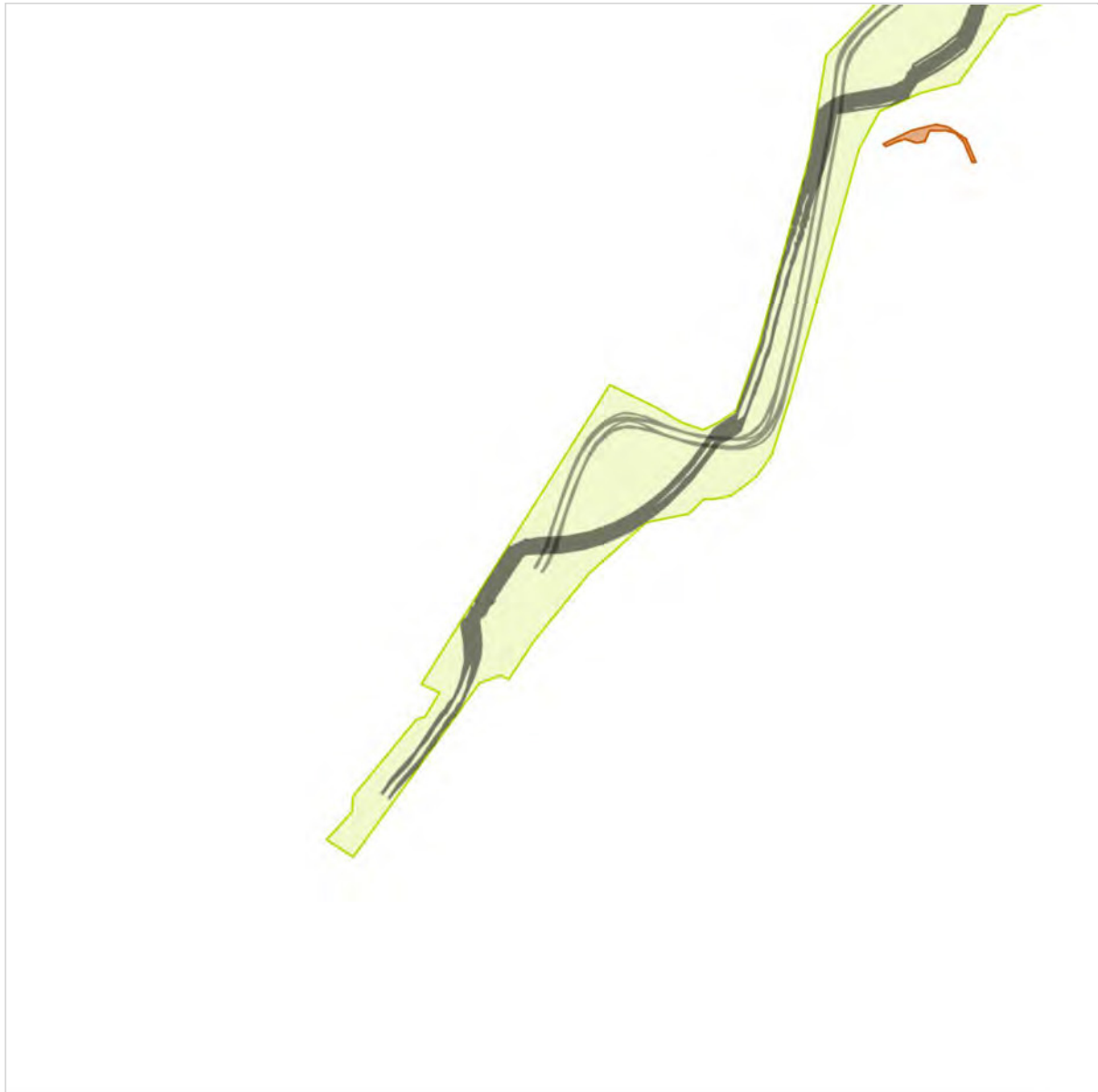
Fig.1 Cargo - Sideview

Passability Check



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- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



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- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

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Route section

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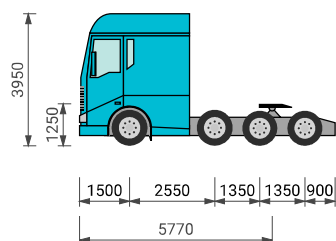


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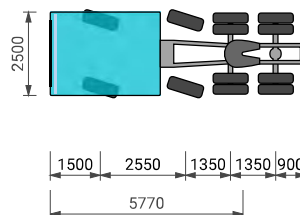


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Semitrailer: Semi lowloader

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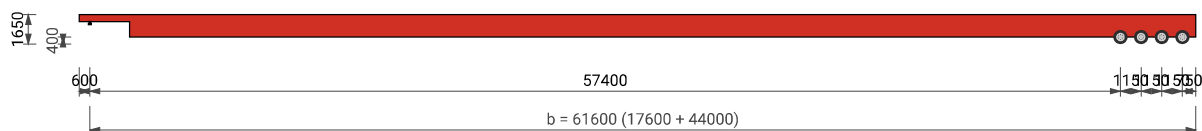


Fig.1 Semitrailer - Sideview

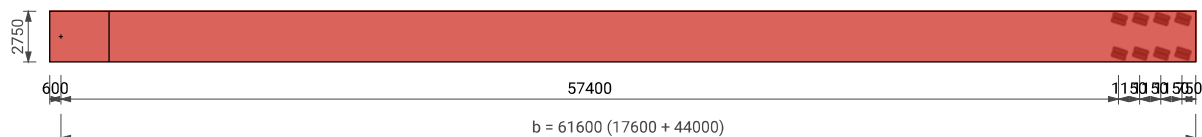


Fig.1 Semitrailer - Topview

Vehicle combination

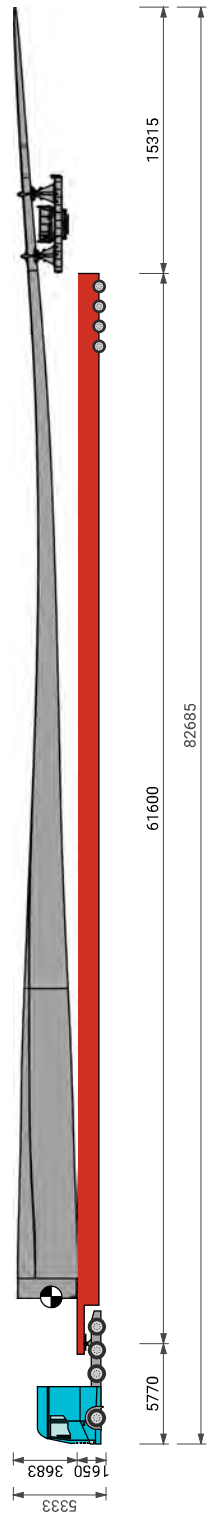


Fig.- Couple Size - Sideview

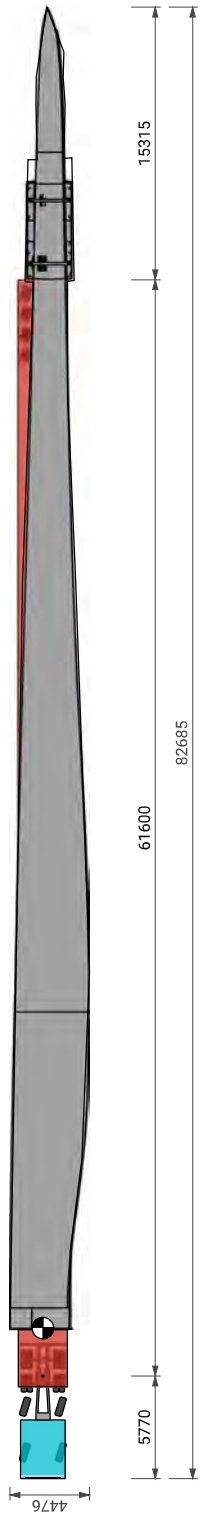


Fig.- Couple Size - Topview

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Width: 4476 mm
Height: 3683 mm

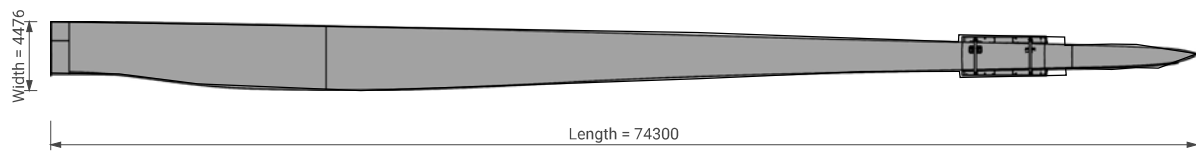


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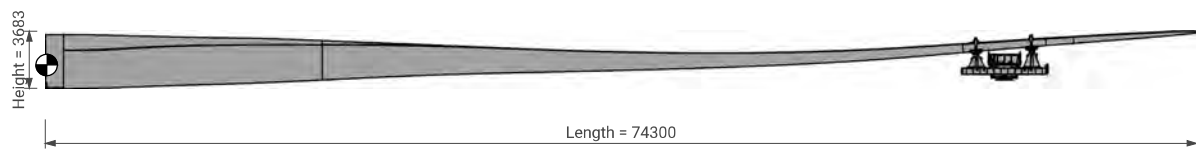


Fig.1 Cargo - Sideview

Passability Check



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- Driveable Area
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Passability Check Report

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Checked by: WWL ALS Nordic, Mikko Nevanlahti
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Route section

Version #1



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- ☐ Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- ☐ Area sweepable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

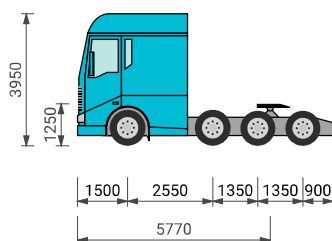


Fig.1 Tractor - Sideview

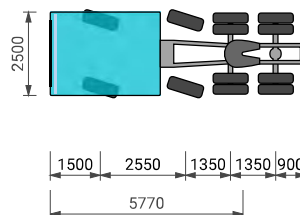


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

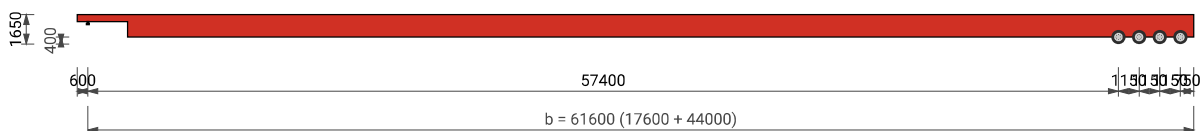


Fig.1 Semitrailer - Sideview

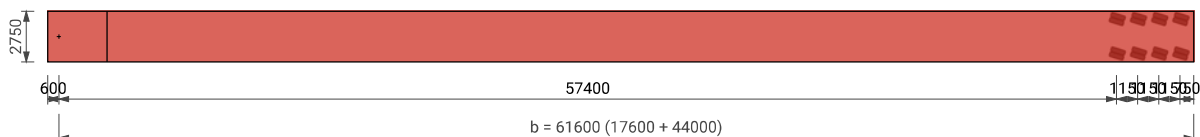


Fig.1 Semitrailer - Topview

Vehicle combination

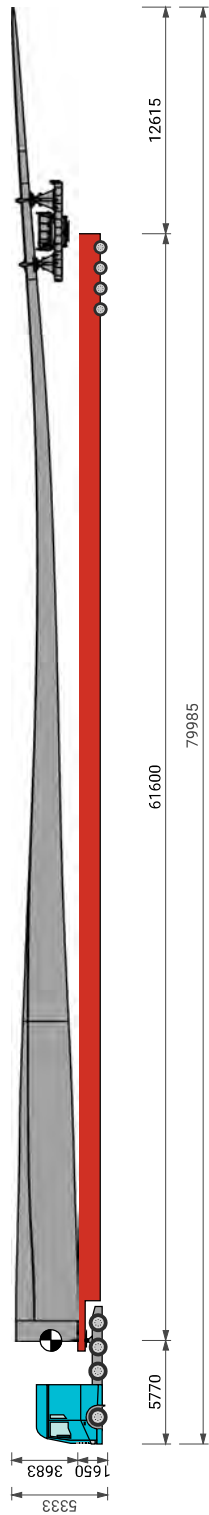


Fig.- Couple Size - Sideview

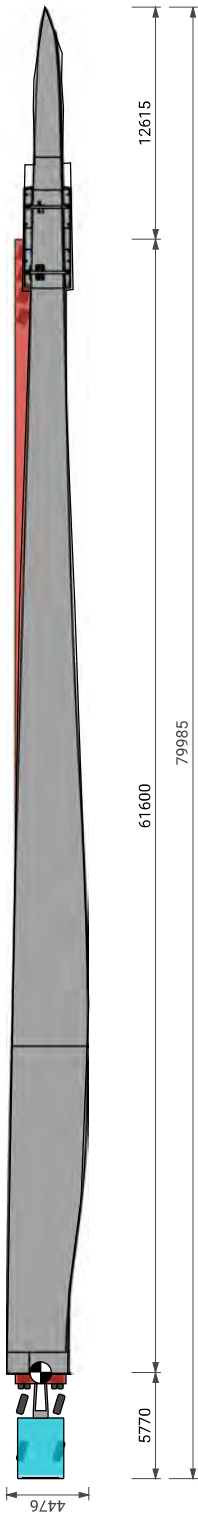


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

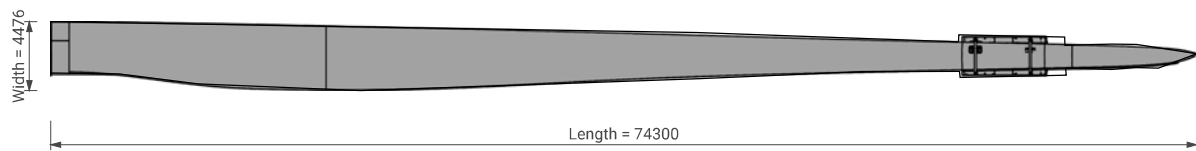


Fig.1 Cargo - Topview

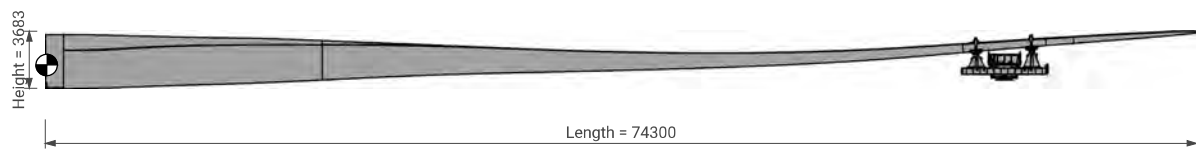
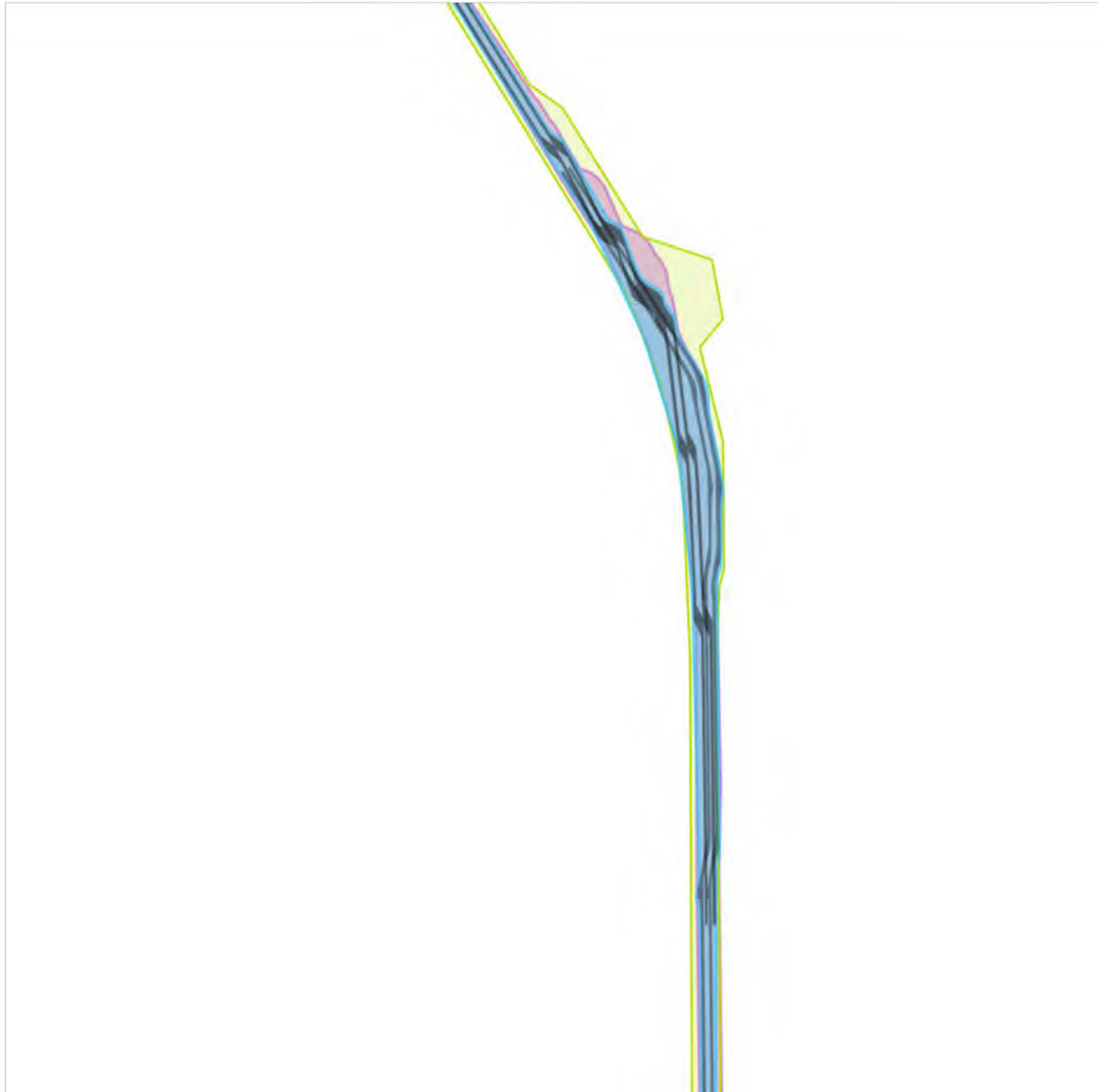


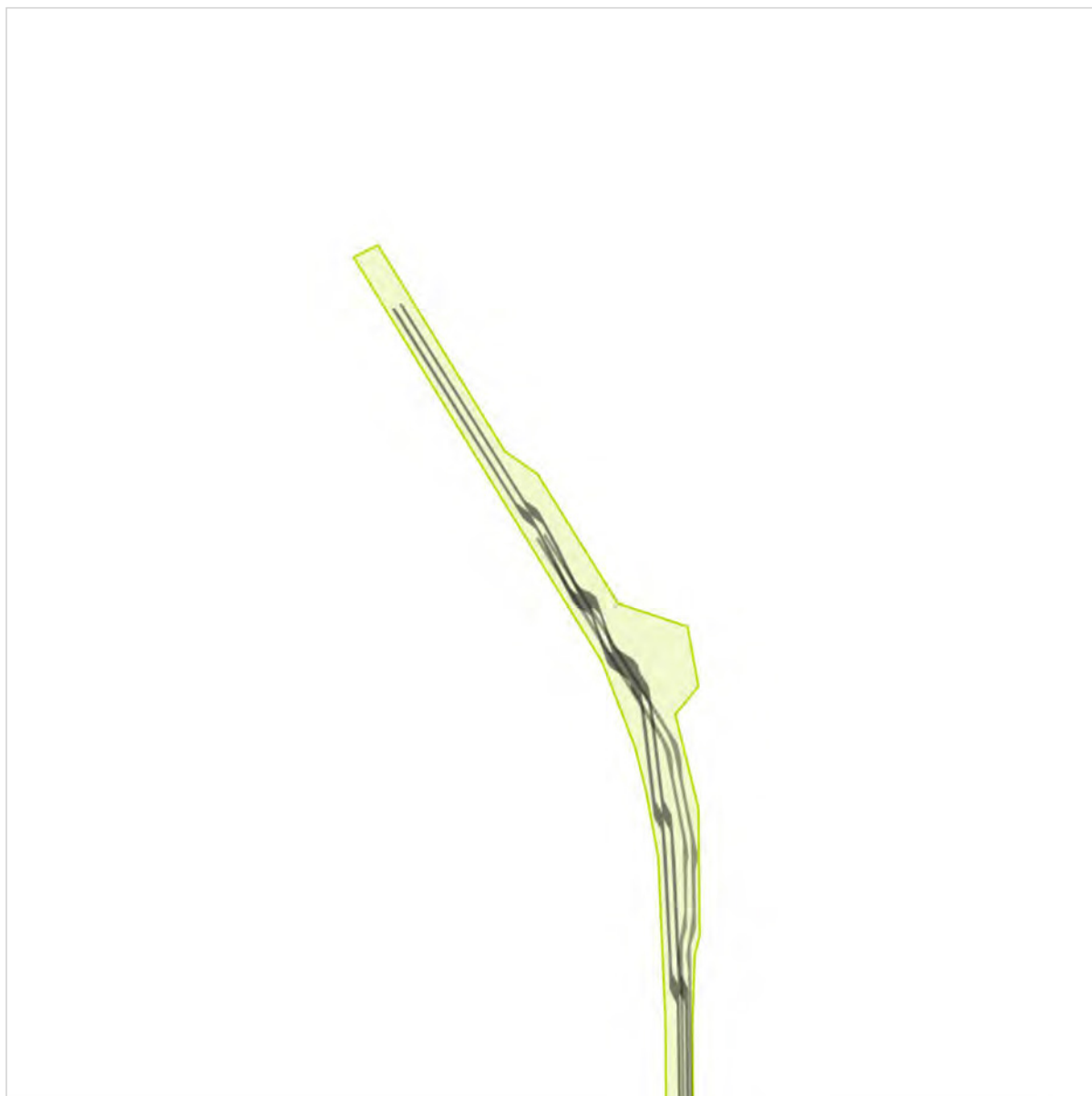
Fig.1 Cargo - Sideview

Passability Check



i The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

Transport: Stokkfjellet 2.0
Checked by: WWL ALS Nordic, Mikko Nevanlahti
Checked with: HeavyGoods.net
Date: 17 November 2023

Route section

Version #1



i The vehicle data has been deposited by WWL ALS Nordic.

- ☒ Driveable Area
- ☐ Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- ☐ Area sweepable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

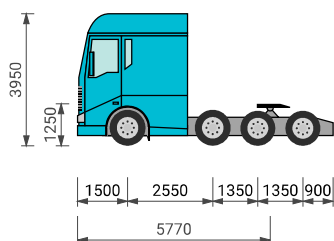


Fig.1 Tractor - Sideview

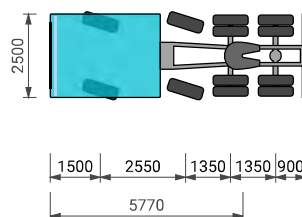


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

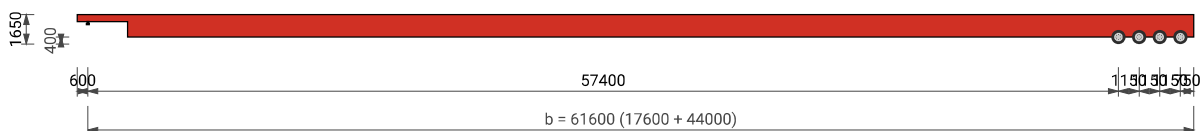


Fig.1 Semitrailer - Sideview

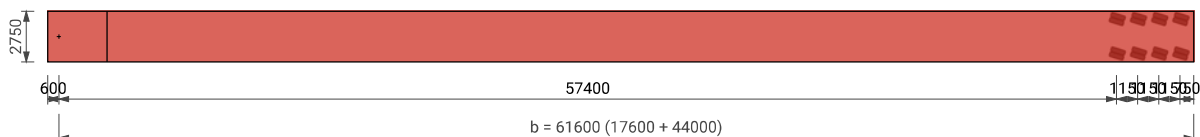


Fig.1 Semitrailer - Topview

Vehicle combination

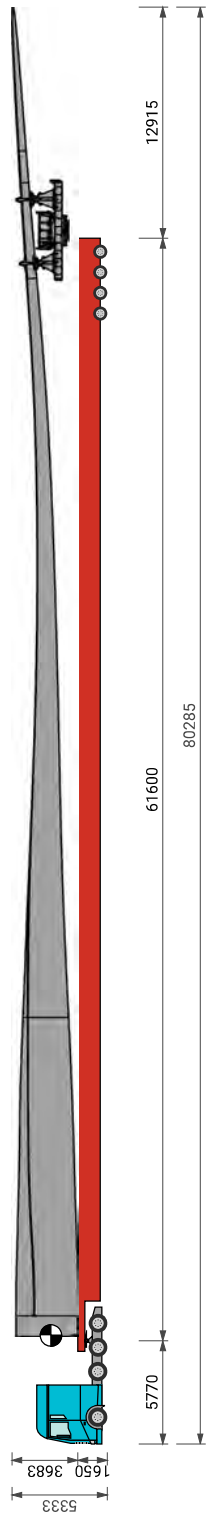


Fig.- Couple Size - Sideview

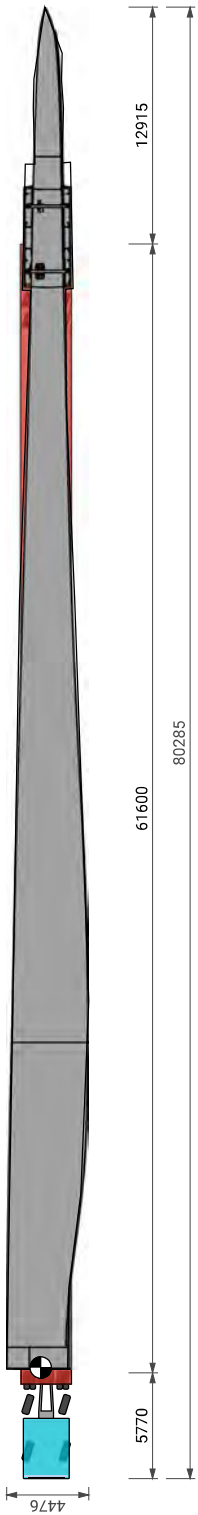


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

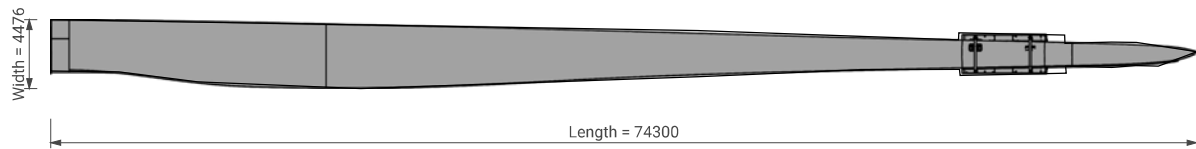


Fig.1 Cargo - Topview

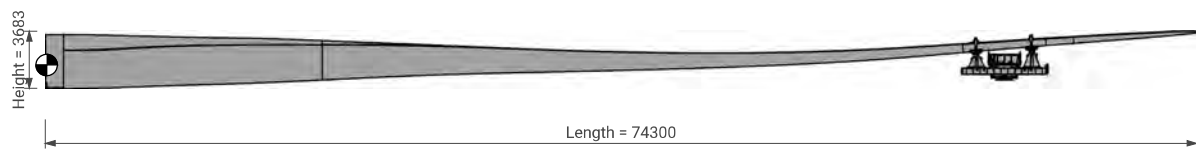
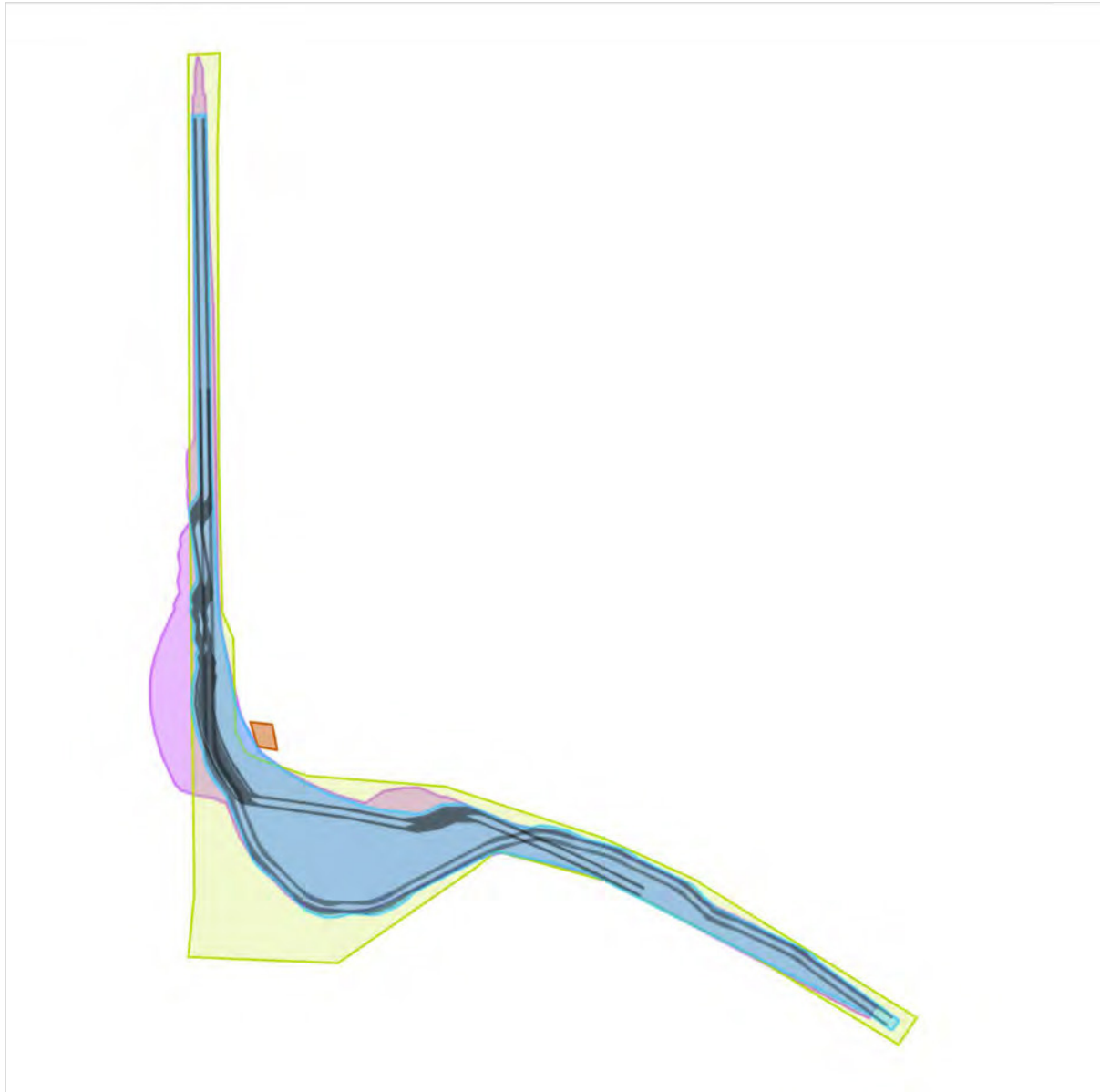


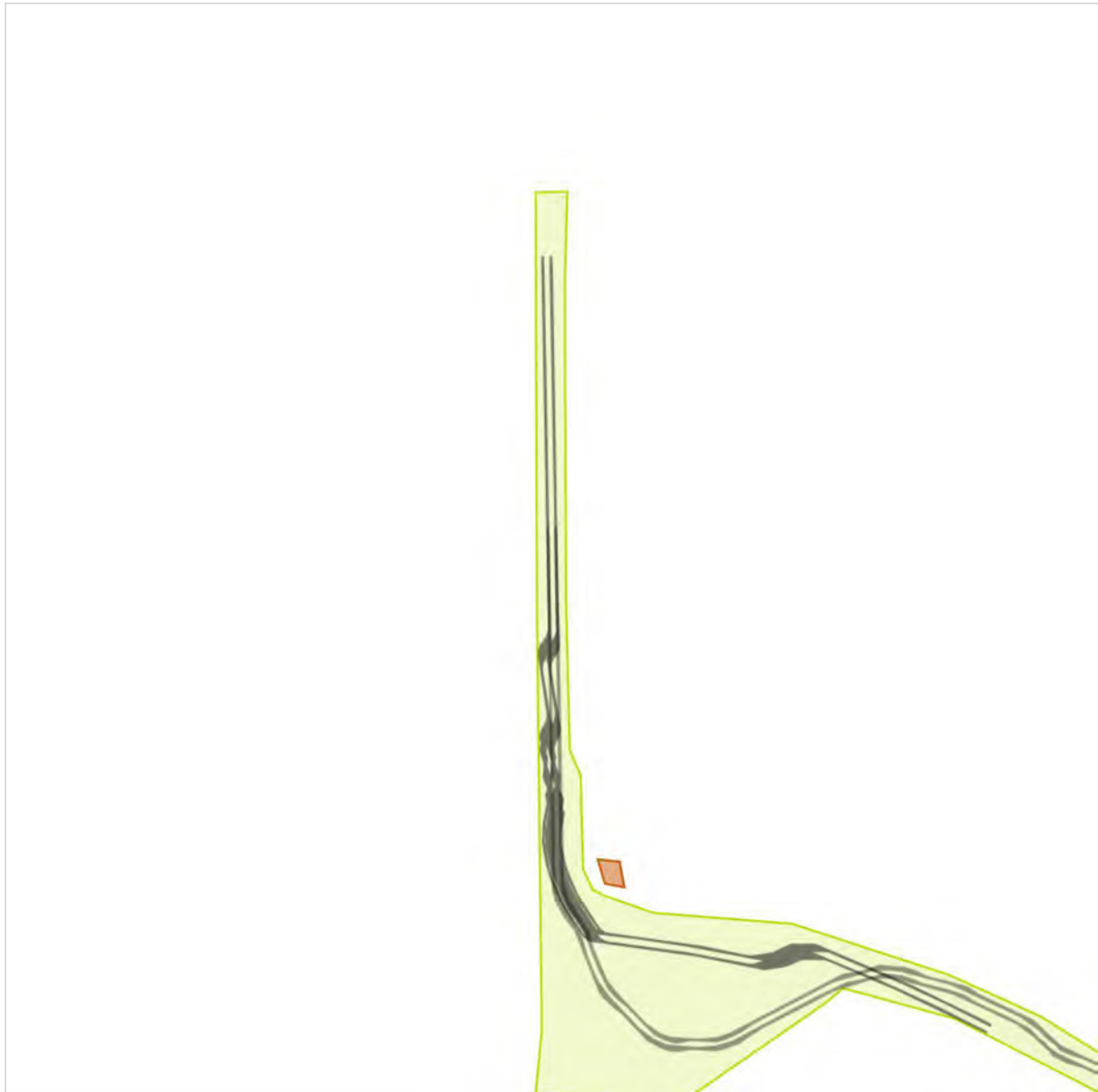
Fig.1 Cargo - Sideview

Passability Check



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❶ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

Transport: Stokkfjellet 2.0
Checked by: WWL ALS Nordic, Mikko Nevanlahti
Checked with: HeavyGoods.net
Date: 17 November 2023

Route section

Version #1



i The vehicle data has been deposited by WWL ALS Nordic.

- ☒ Driveable Area
- ☐ Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- ☐ Area sweappable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

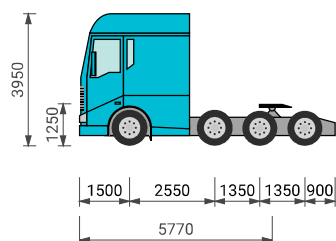


Fig.1 Tractor - Sideview

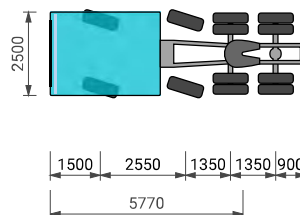


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

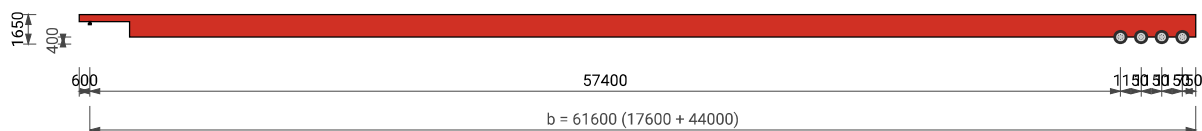


Fig.1 Semitrailer - Sideview

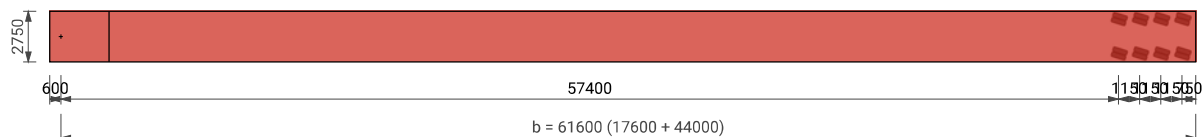


Fig.1 Semitrailer - Topview

Vehicle combination

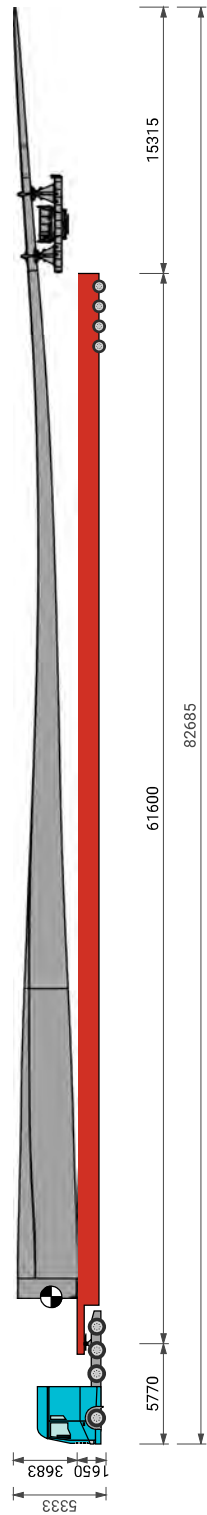


Fig.- Couple Size - Sideview

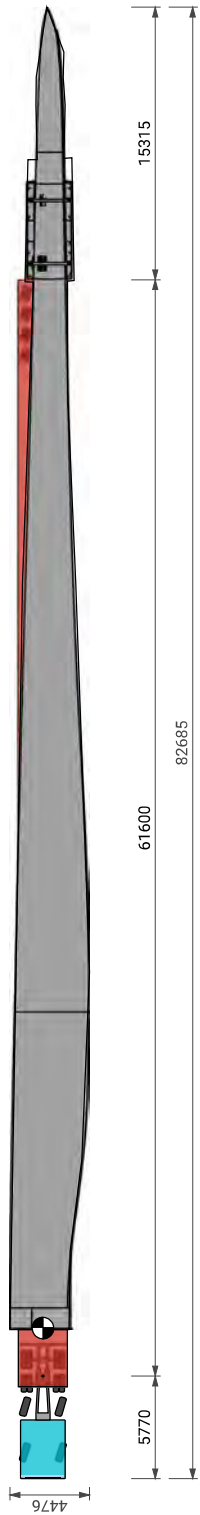


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

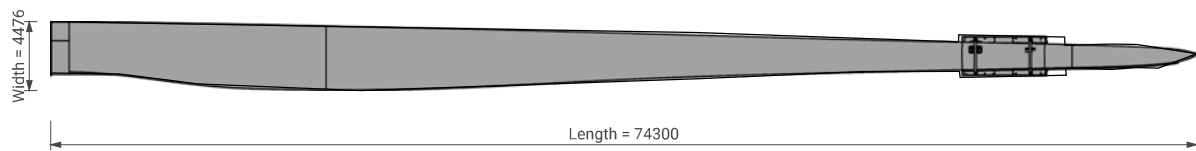


Fig.1 Cargo - Topview

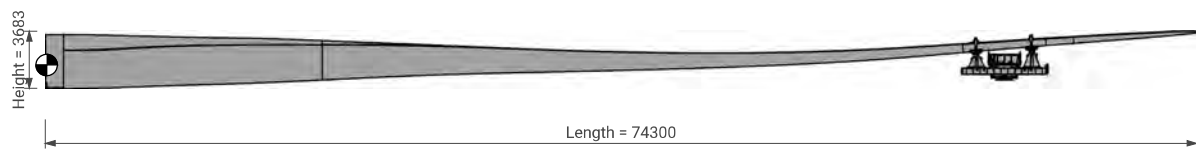
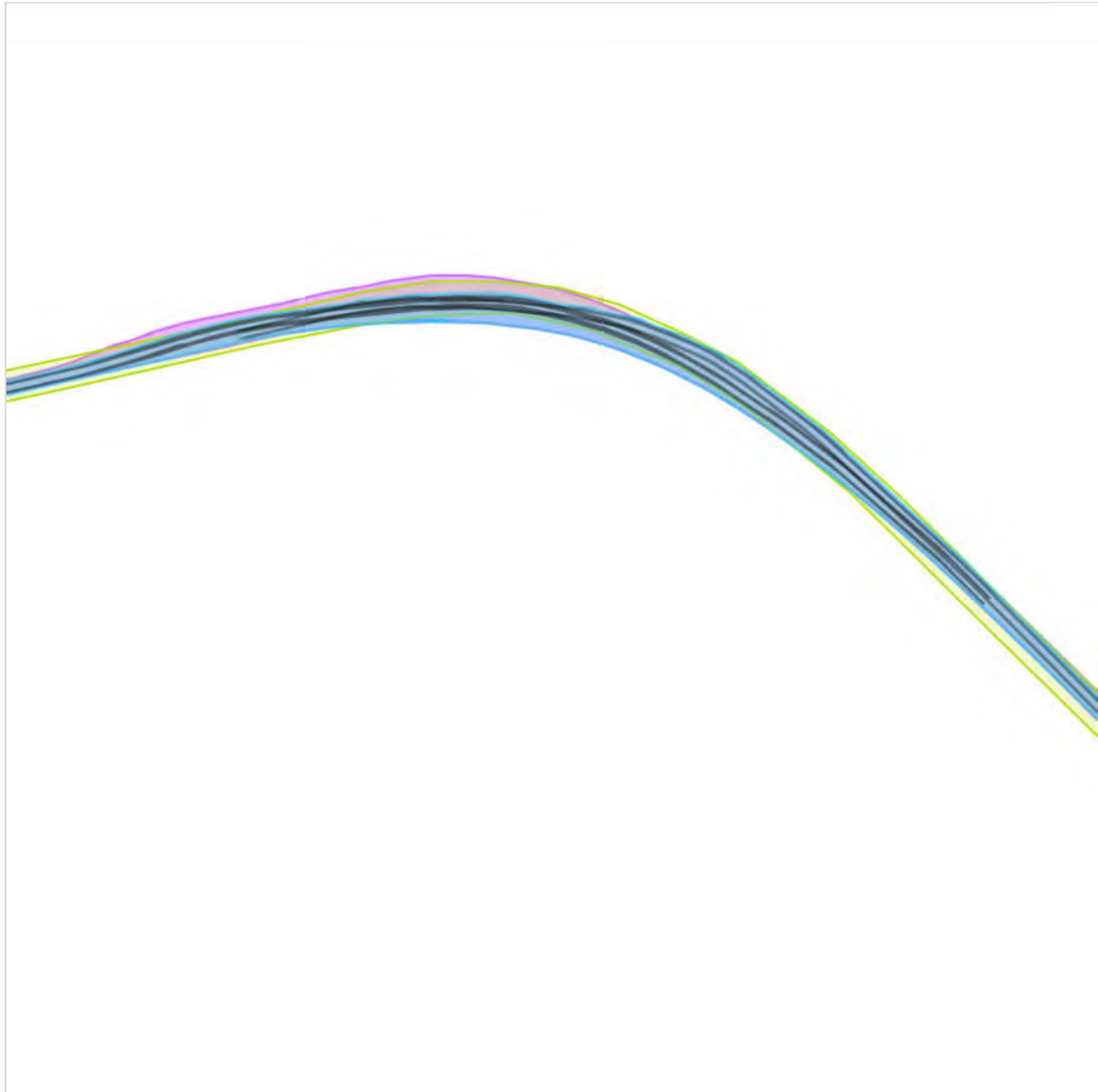


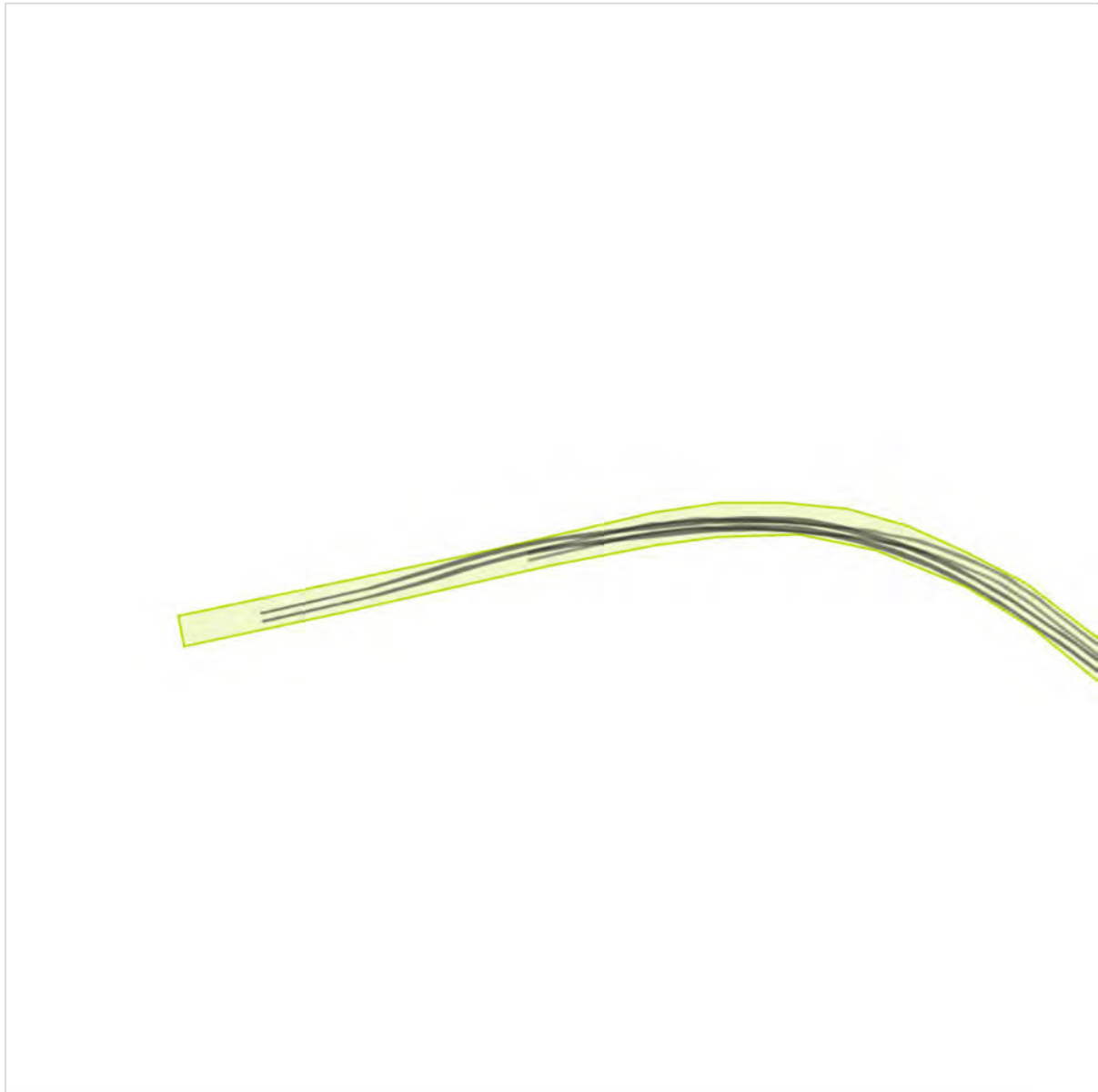
Fig.1 Cargo - Sideview

Passability Check



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

Transport:

Checked by:

Checked with:

Date:

Stokkfjellet 2.0

WWL ALS Nordic, Mikko Nevanlahti

HeavyGoods.net

17 November 2023

Route section

Version #1



- The vehicle data has been deposited by WWL ALS Nordic.
- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Area sweappable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

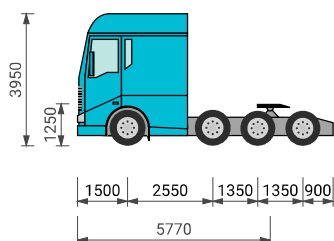


Fig.1 Tractor - Sideview

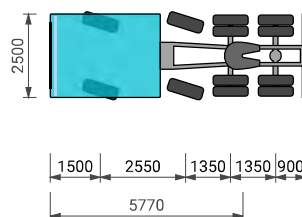


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

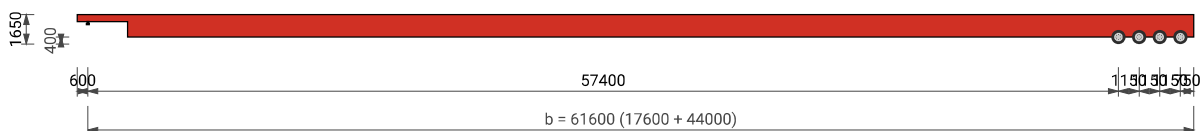


Fig.1 Semitrailer - Sideview

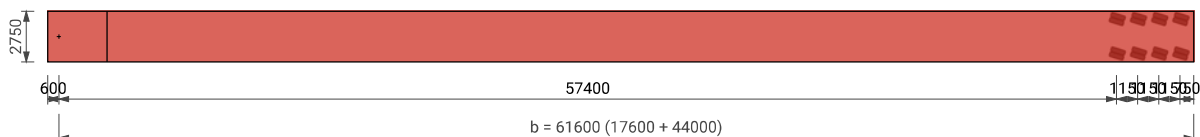


Fig.1 Semitrailer - Topview

Vehicle combination

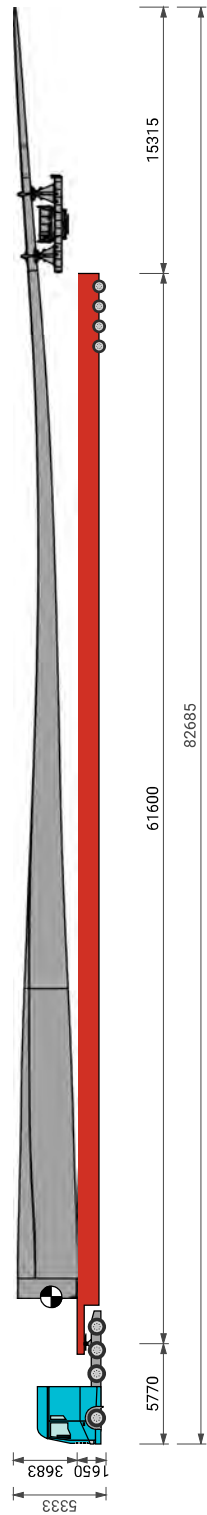


Fig.- Couple Size - Sideview

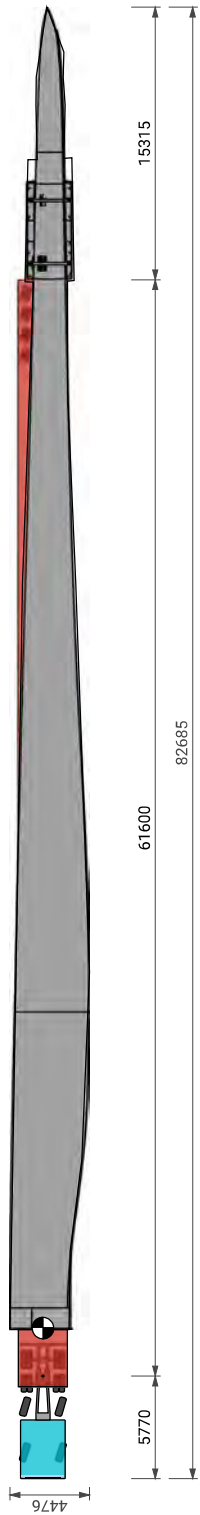


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

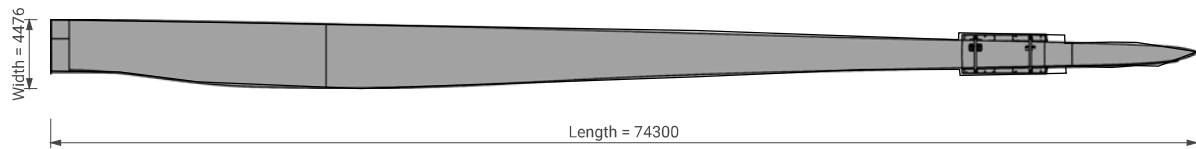


Fig.1 Cargo - Topview

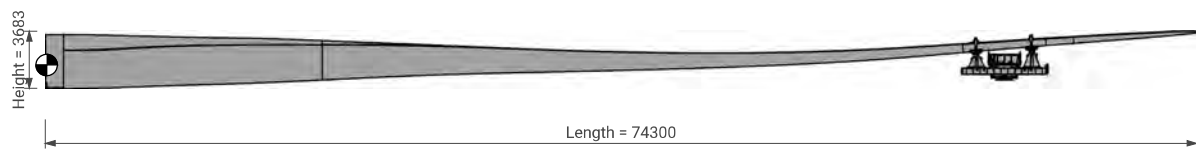
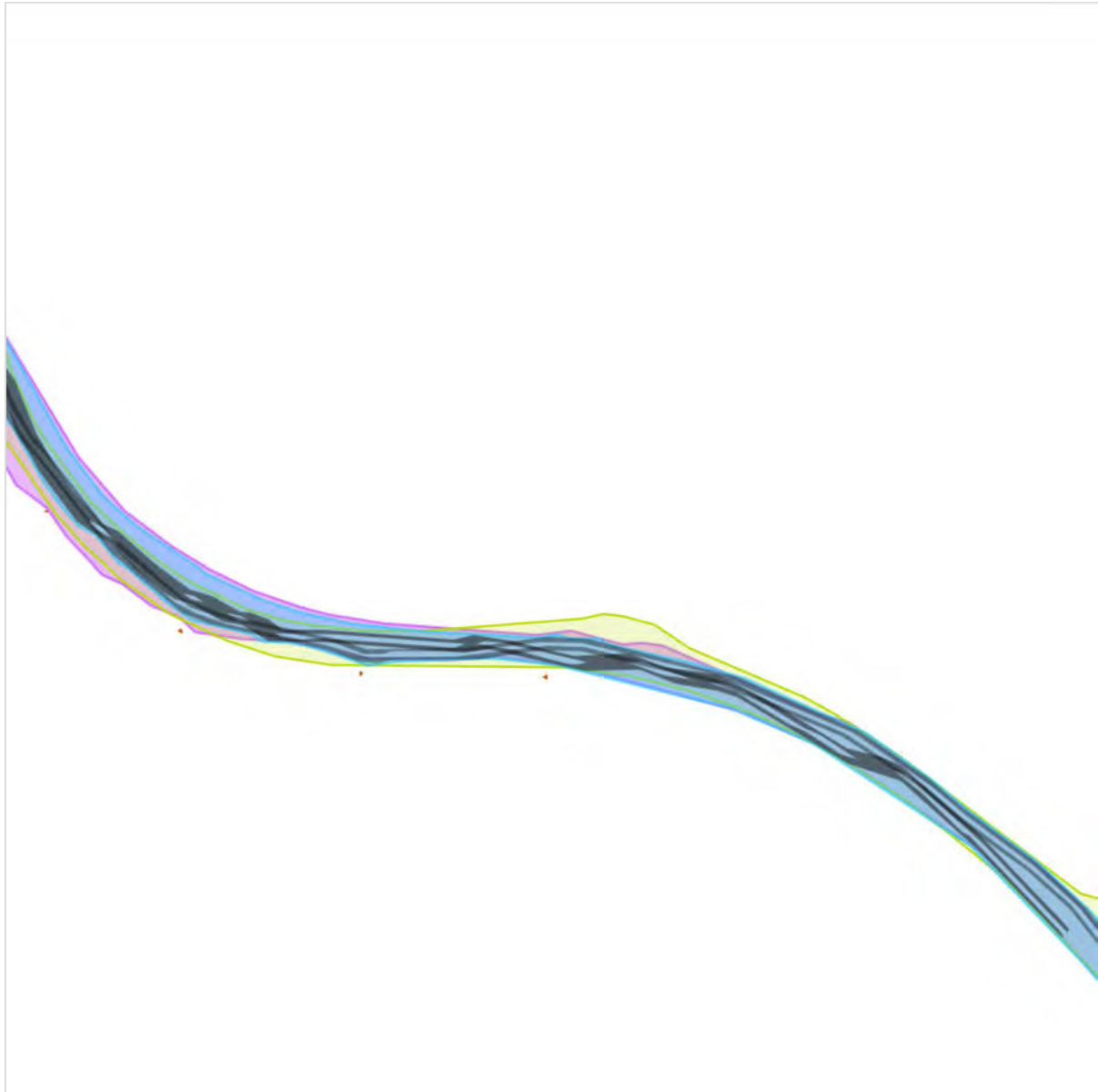


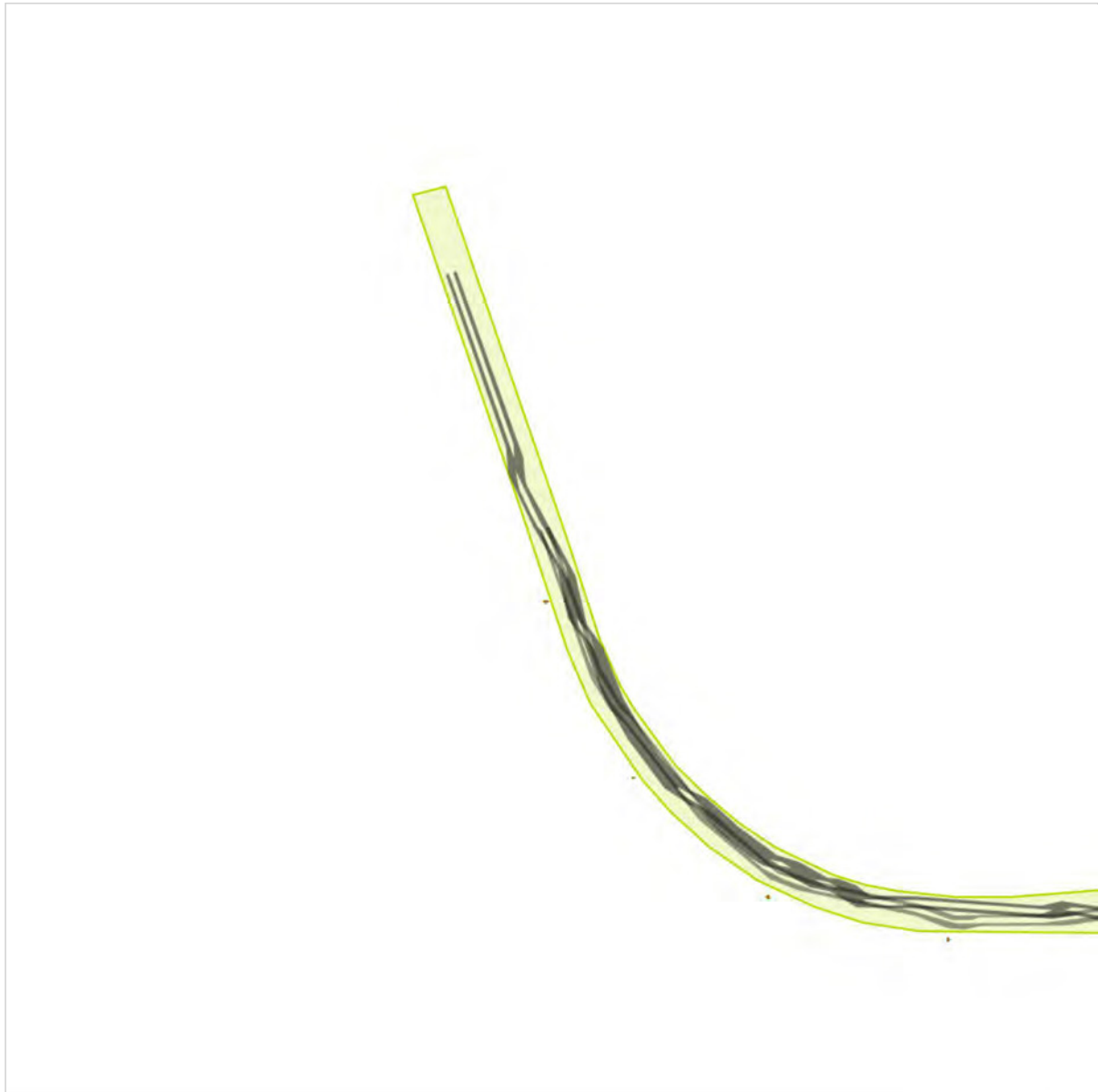
Fig.1 Cargo - Sideview

Passability Check



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❶ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer

Passability Check Report

Transport: Stokkfjellet 2.0
Checked by: WWL ALS Nordic, Mikko Nevanlahti
Checked with: HeavyGoods.net
Date: 17 November 2023

Route section

Version #1



i The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Area sweepable over

Tractor: 4 Axles Tractor Unit 8x4 (cf. MB Arocs SLT 4163)

VIN: -, Manufacturer: Mercedes-Benz, License plate: VX 44056

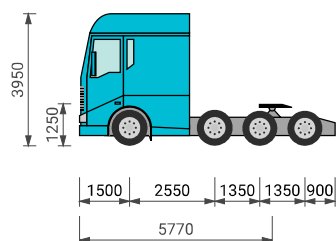


Fig.1 Tractor - Sideview

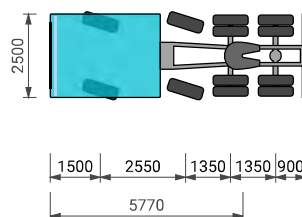


Fig.1 Tractor - Topview

Semitrailer: Semi lowloader

VIN: -, Manufacturer: Nooteboom, License plate: -

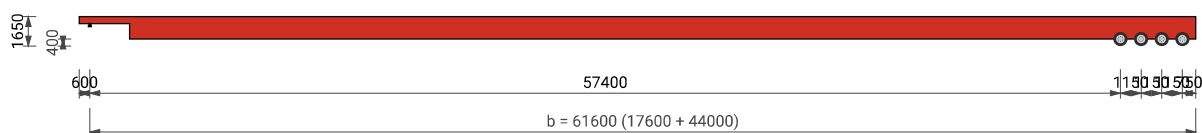


Fig.1 Semitrailer - Sideview

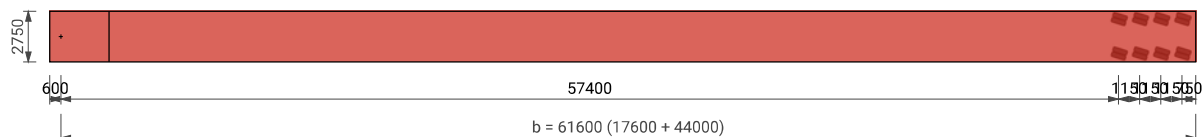


Fig.1 Semitrailer - Topview

Vehicle combination

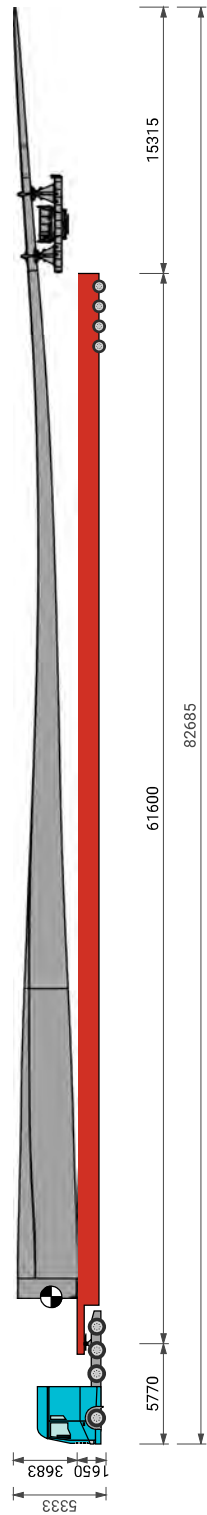


Fig.- Couple Size - Sideview

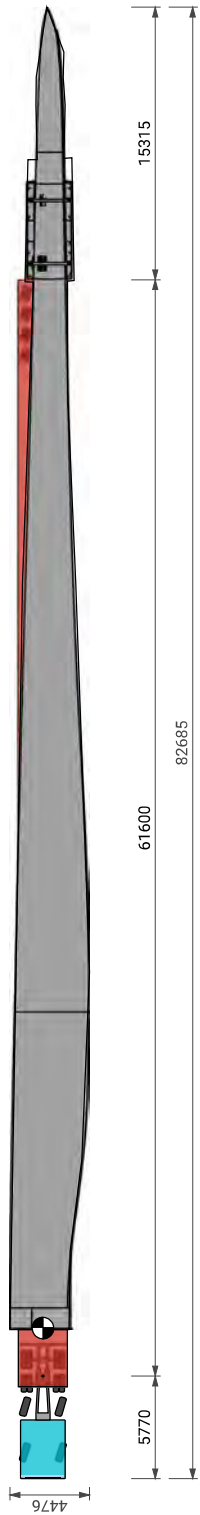


Fig.- Couple Size - Topview

Cargo

Cargo 'Vestas V150 Blade' with the following dimensions:

Length: 74300 mm
Width: 4476 mm
Height: 3683 mm

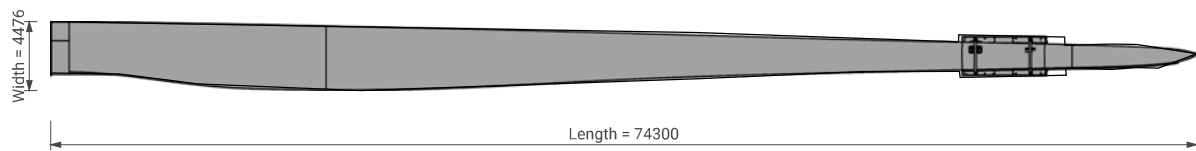


Fig.1 Cargo - Topview

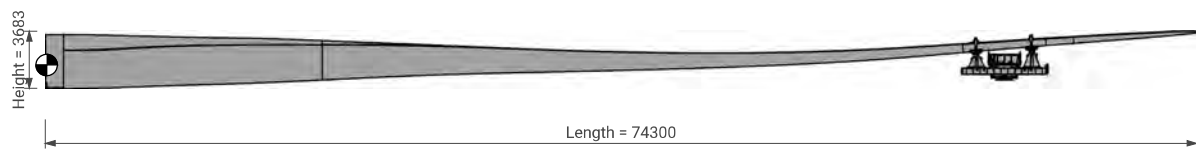
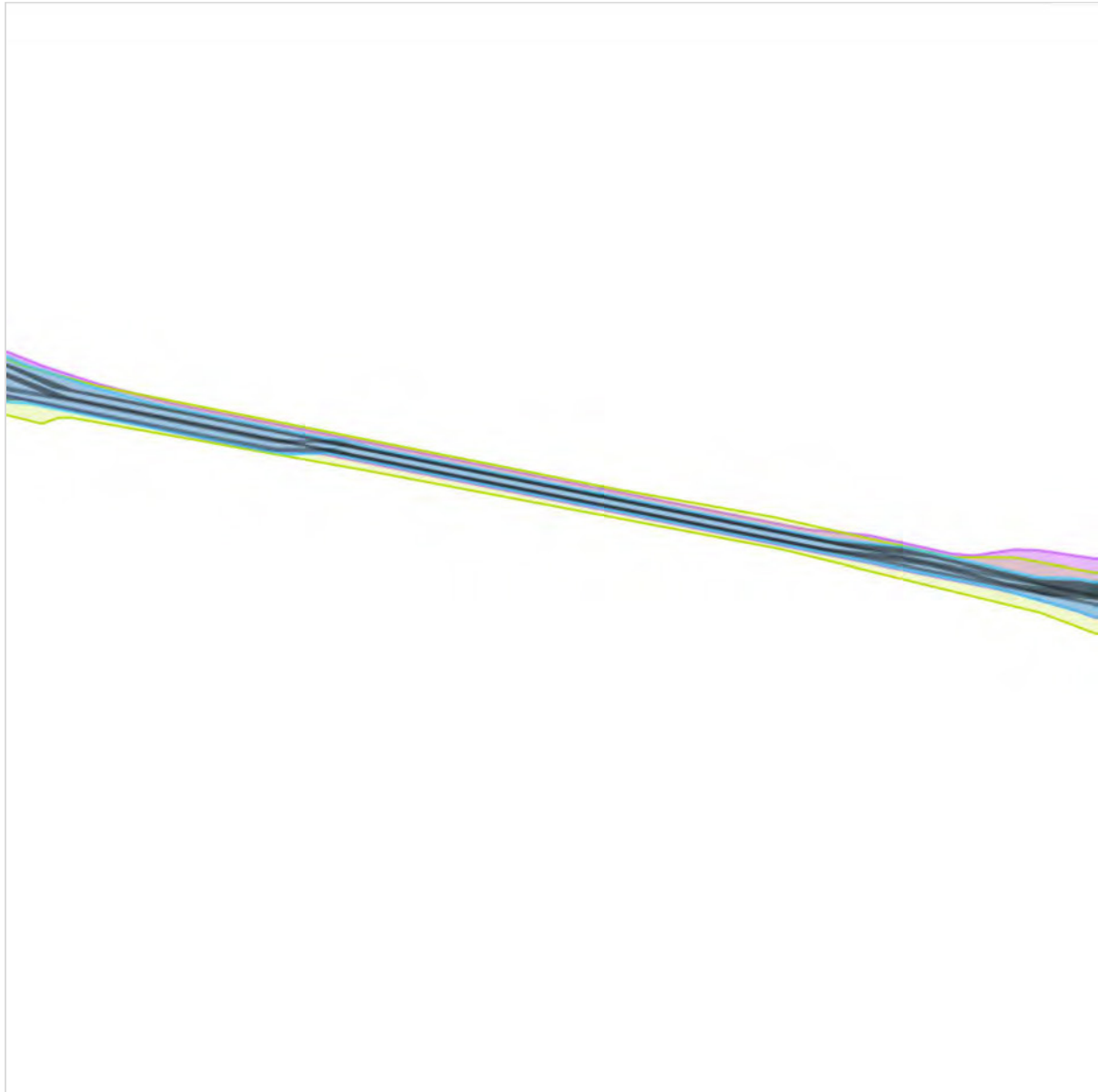


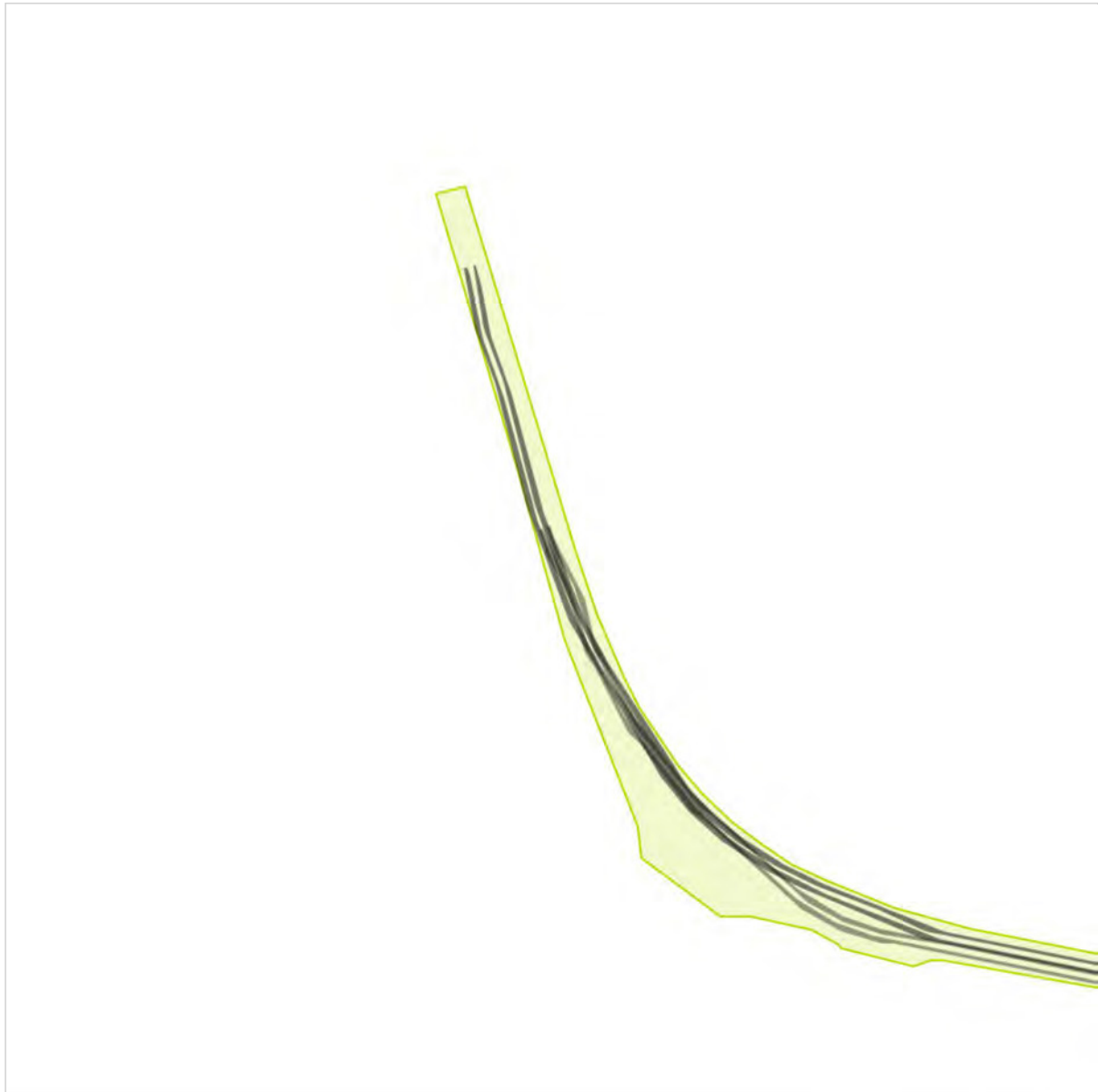
Fig.1 Cargo - Sideview

Passability Check



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Obstacle (Not passable. Traversable if the height of the obstacle allows it)
- Tire tracks of tractor
- Tire tracks of trailer
- Area covered by vehicle combination
- Area covered by cargo



❗ The vehicle data has been deposited by WWL ALS Nordic.

- Driveable Area
- Tire tracks of tractor
- Tire tracks of trailer