

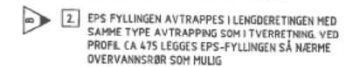


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Case Histories with EPS Geofoam Fills from Eastern Norway

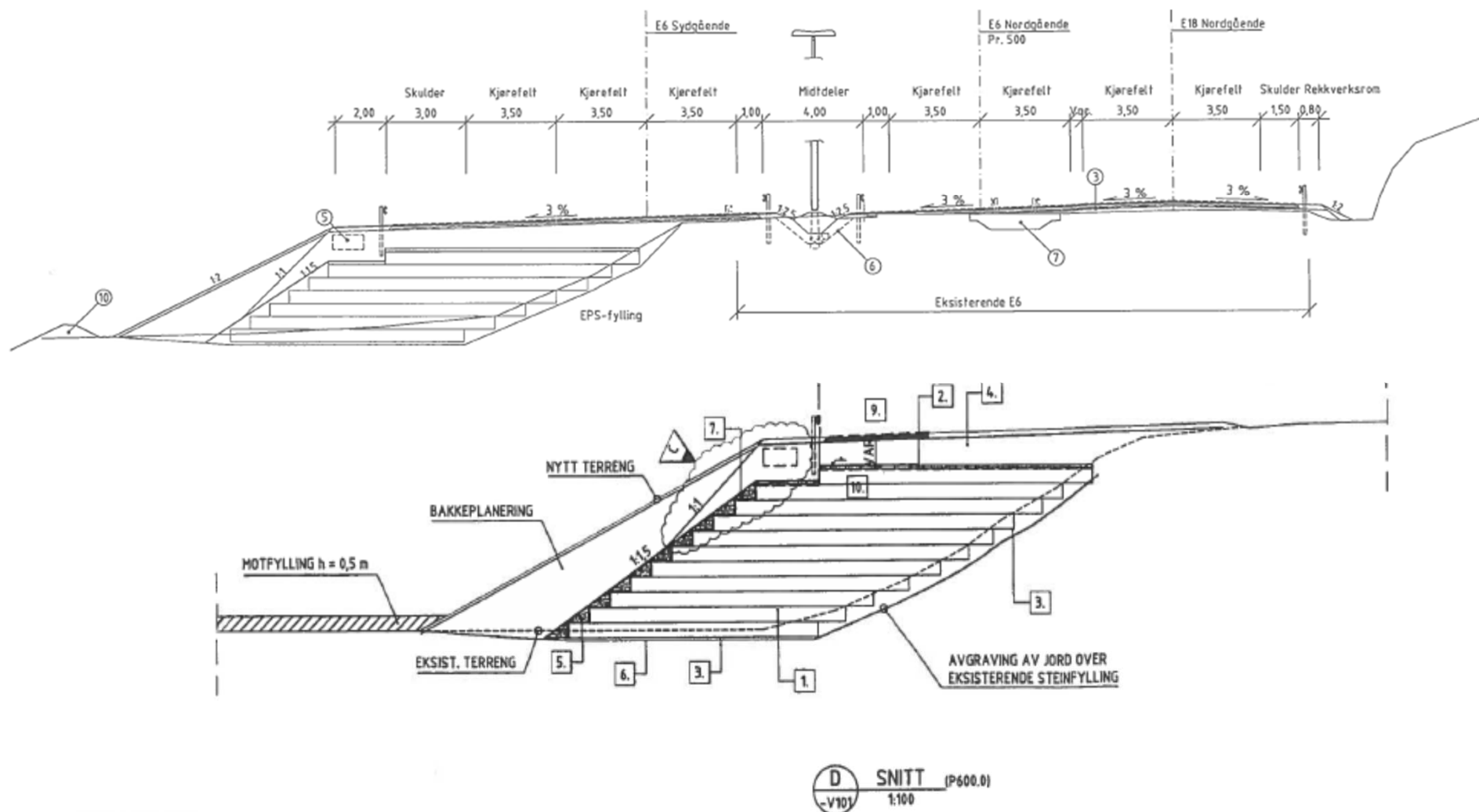
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plan drawing for the solution with EPS geofoam embankment

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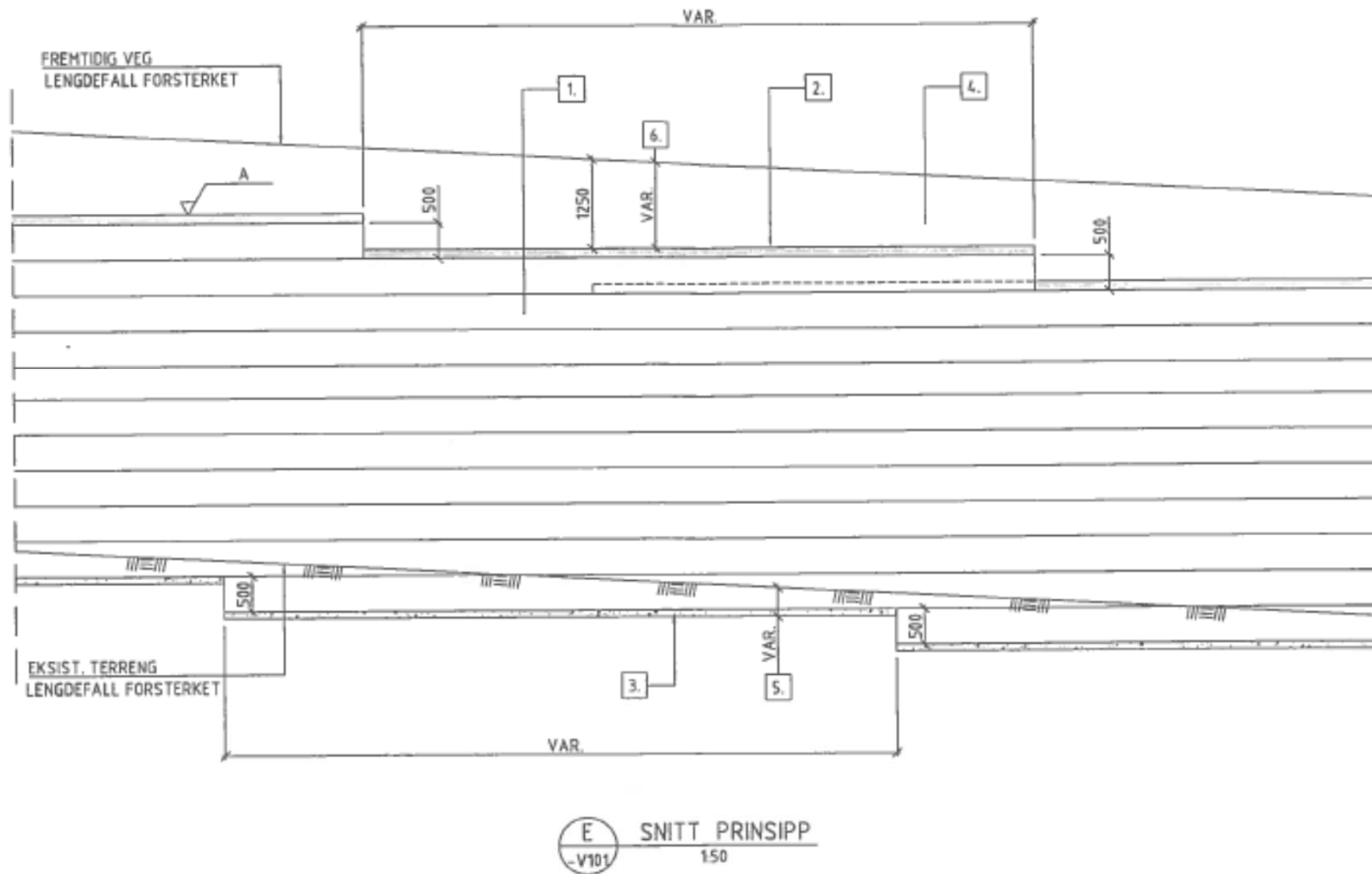
1. E6 Vinterbro – Klemetsrud

cross-section of the embankment



1. E6 Vinterbro – Klemetsrud

Profile drawing of the embankment



1. E6 Vinterbro – Klemetsrud

Construction- Site Preparation



1. E6 Vinterbro – Klemetsrud

Construction- Site Preparation – levelling layer



1. E6 Vinterbro – Klemetsrud

Construction- Site Preparation



1. E6 Vinterbro – Klemetsrud

Construction- laying EPS geofoam blocks



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1. E6 Vinterbro – Klemetsrud

Construction- Protection from frost & snow



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1. E6 Vinterbro – Klemetsrud

Construction- Plastic membrane over EPS embankment



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1. E6 Vinterbro – Klemetsrud

Construction- Plastic membrane, geotextile and residue from crushed rock over the EPS embankment



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1. E6 Vinterbro – Klemetsrud

Construction- Casting concrete slab over EPS embankment



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1. E6 Vinterbro – Klemetsrud

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1. E6 Vinterbro – Klemetsrud

Construction- Concrete slab over EPS embankment



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1. E6 Vinterbro – Klemetsrud

Construction- sub-base placed above the EPS



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1. E6 Vinterbro – Klemetsrud

Construction- Finished sub-base above the EPS



1. E6 Vinterbro – Klemetsrud

Construction- Finished road with asphalt surfacing



1. E6 Vinterbro – Klemetsrud

Construction- vegetation established after 2 months



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1. E6 Vinterbro – Klemetsrud

Construction- Finished road before opening it for traffic



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Plan, profile and cross-section drawings



2. E18 Tenor Culvert and Almark Bru

EPS geofoam blocks placed - fill against abutment and culvert side



2. E18 Tenor Culvert and Almark Bru

EPS geofoam blocks placed - fill against abutment and culvert side



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2. E18 Tenor Culvert and Almark Bru

A county road crossing the E18 over the culvert



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2. E18 Tenor Culvert and Almark Bru

EPS geofoam embankment as a side fill to Tenor culvert



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2. E18 Tenor Culvert and Almark Bru

EPS geofoam embankment at the abutment of the Almark Bridge



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2. E18 Tenor Culvert and Almark Bru

The EPS embankment at the Almark Bridge covered by sand



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2. E18 Tenor Culvert and Almark Bru

Almark Bridge and Tenor culvert at the end of construction



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2. E18 Tenor Culvert and Almark Bru

Google image of Almark bridge and Tenor culvert



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3. Grimsføyveien - Temporary Bridge

Embankment with EPS geof foam – left and right side abutments



3. Grimsføyveien - Temporary Bridge

Embankment with EPS geofom – left and right side abutments



3. Grimsøyveien - Temporary Bridge

Embankments with EPS geofoam – before installation of bridge



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3. Grimsøyveien - Temporary Bridge

Embankment with EPS geofoam – after installation of Bridge



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3. Grimsøyveien - Temporary Bridge

Embankment with EPS geofoam – Temporary road on the bridge



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3. Grimsføyveien - Temporary Bridge

EPS geofoam – covered with reinforcement mesh & shotcrete



Thank You
for
your Attention 😊