



Bridge moisture content (MC) monitoring

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Horenbridge – Kanton Aargau

Facts:

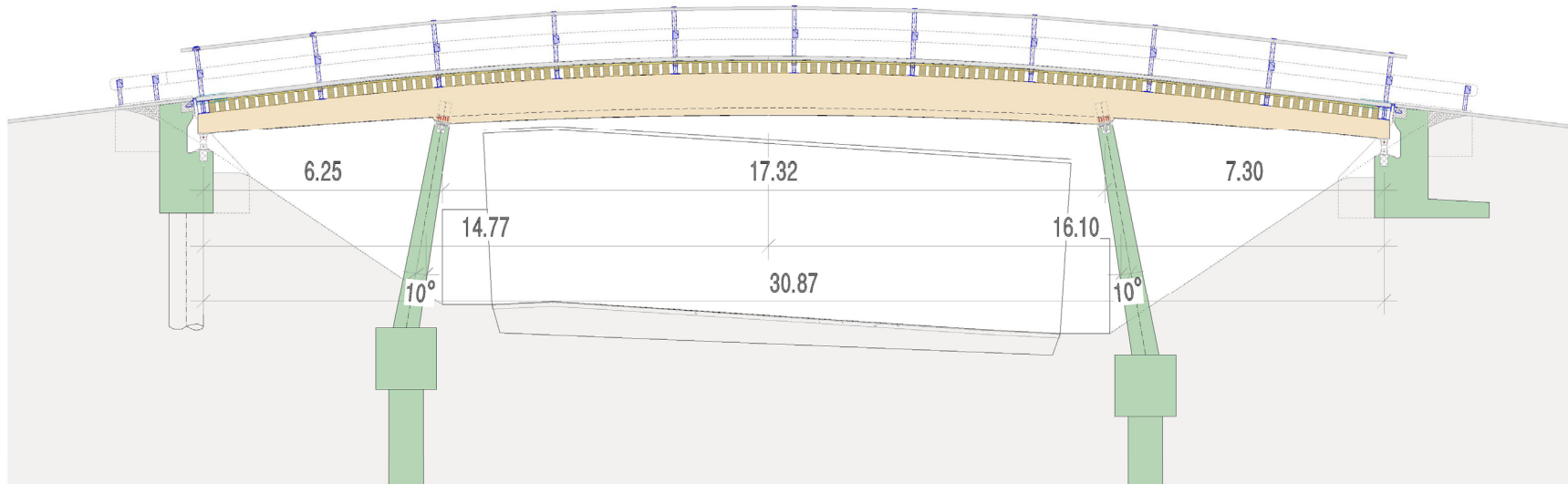
Load: 40 t

Length: 31 m

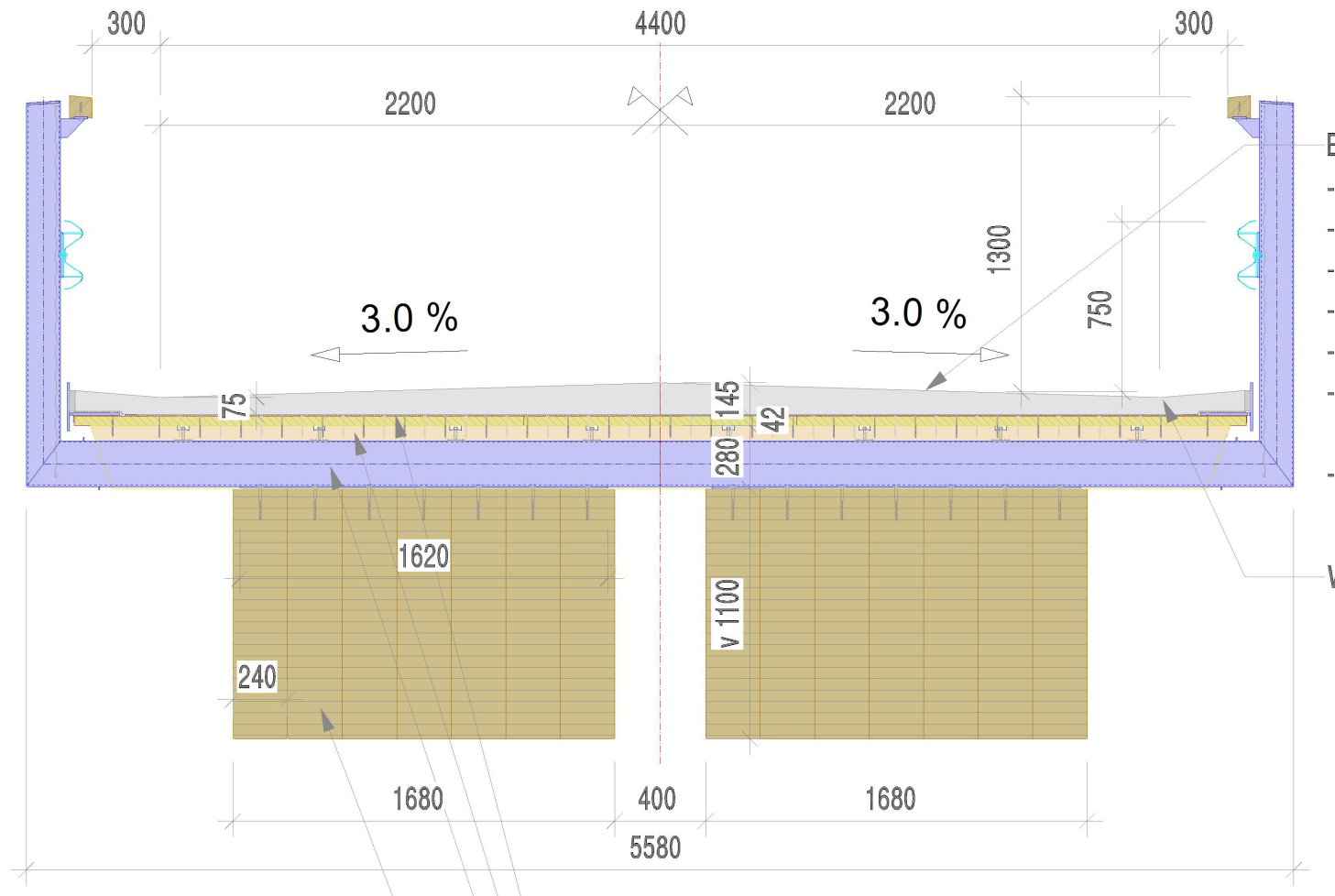
Beams: 1.7*1.1 m



Construction

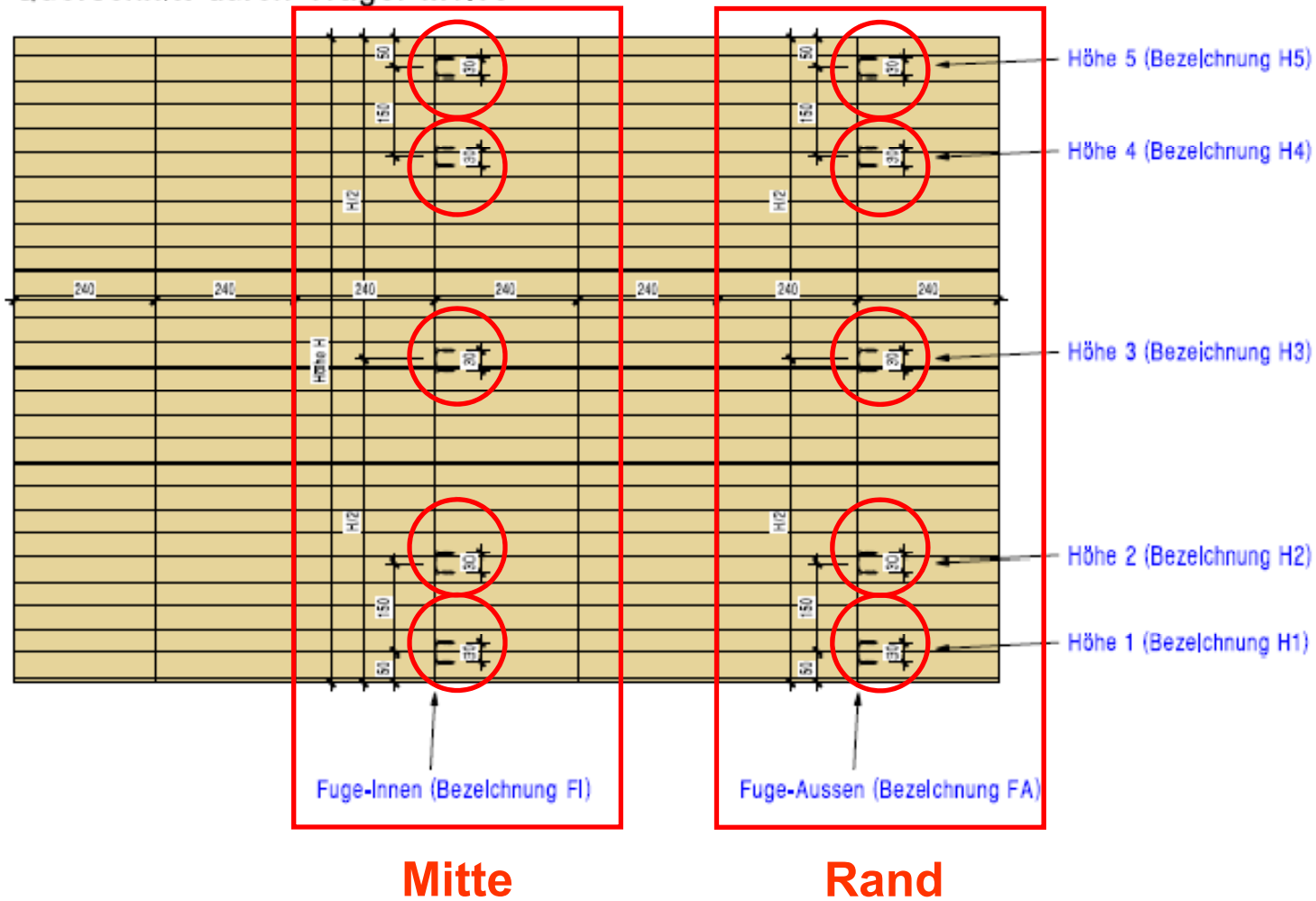


Construction



Moisture measurement plan

Querschnitt durch Träger M1:10



Moisture measurement instruments





Research questions:

- MC changes monitoring
- Difference of MC changes within beam
- What dimensional changes are caused?
- What stresses are caused by these MC changes?