

Project:

CONCEPT STUDY TODALSFJORD BRIDGE

LOCATION:
Todalsfjord

YEAR:
2019

CLIENT:
Norwegian Public Roads Administration

SCOPE/PHASE:
Development plan, Concept study

PROJECT RESPONSIBLE:
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PROJECT DESCRIPTION:

The concept study for the Todalsfjord bridge is a part of the project «fv 670/670 – crossing of todalsfjorden» which is evaluating technical solutions as an alternative for the current ferry crossing between Rykkjem and Kvanne. The project consisted of evaluating the road alignment in relation to groundwork, bridge placement and concept as well as estimation of construction costs.

The suggested solution is a classic suspension bridge with a main span of approximately 700 m. Total estimated cost is approximately 1250 MNOK with a construction period of 3-4 years. In addition to design of all the main members of the bridge, the bridge was illustrated in 3D in order to assess the solution as a whole.

