Project:

BISPEKILEN BRIDGE – AUXILARY STRUCTURE

LOCATION:
Oslo

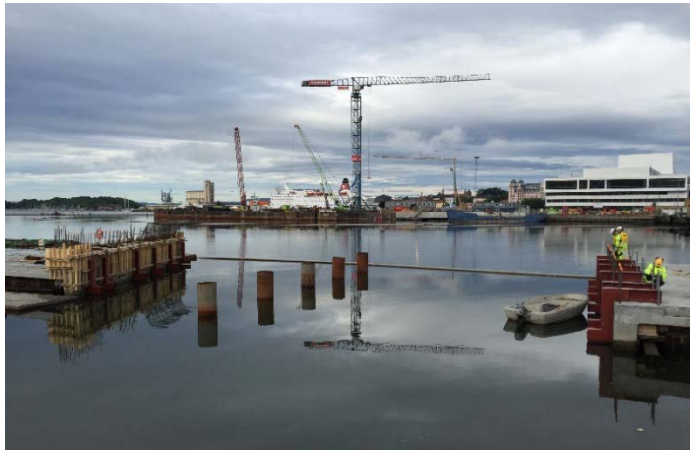
YEAR:
2016

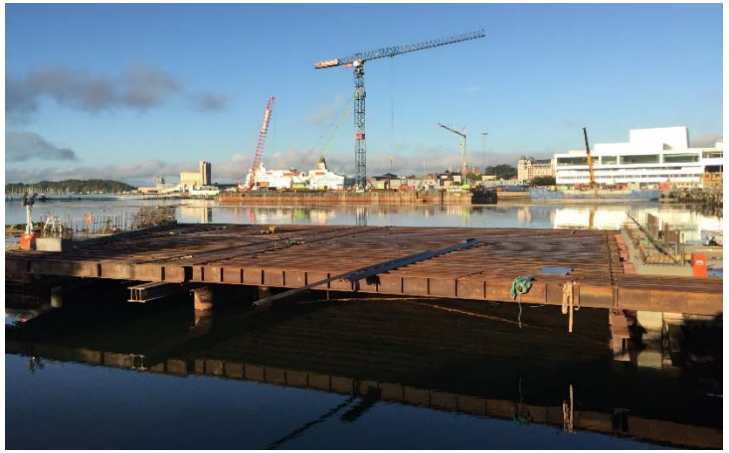
CLIENT:
AF Anlegg

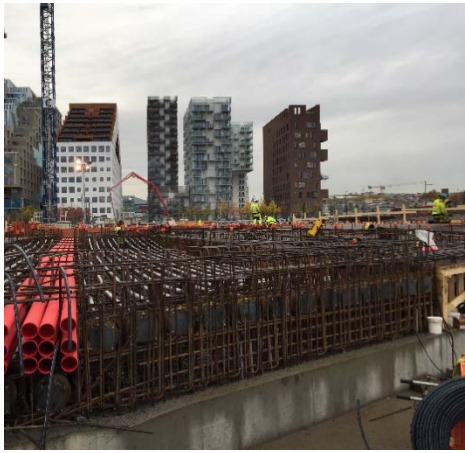
SCOPE/PHASE:
Engineering in construction phase

PROJECT RESPONSIBLE:
Simon Grøterud (sgr@olavolsen.no)

PROJECT DESCRIPTION:
Detailed design of the auxilary framework for concrete casting of Bispekilen bridge. The construction stages was not considere in the engineering phase, and together with the contractor it was the task of Dr.techn. Olav Olsen to find safe and practical solutions. Both overlying av and underlying framework as consider, but underlying was chosen due to easier access for placing reinforcement and casting the deck. Steel brackets connected to the reinforcement together with mid span temporary piles carried the HEB500 cross beams. Capacity controls for all temporary phases was performed. This included the removal of joints after casting and lowering the auxilary strucure before post tensioning.







DR. TECHN.
OLAV OLSEN