

Remote Access and Lifting Services

# Temporary Bridge – Highlands

Aurora successfully delivered the installation and decommissioning of a temporary bridge in a remote location in the Scottish Highlands. The project required the provision of access support, ground protection, and a safe lifting solution to enable the transportation of heavy construction equipment across challenging terrain. The remote peatland environment, combined with complex logistics, demanded specialist planning and execution to ensure minimal environmental impact and maximum operational efficiency. Our aim was to supply and execute a safe, low-impact access and lifting solution for the installation of a temporary bridge in a remote location, enabling continued construction access further into the site.

## Our Solution

- Ground protection using track mats and bog mats to minimise pressure on sensitive peatland terrain.
- Deployment of a Jekko 545 compact crane, selected for its low ground pressure and high lifting capability.
- A staged logistics plan involving tractor-trailer transport, temporary road setup, and precise contract lifting for bridge installation and removal.

## At a Glance

### Challenges

The project faced several complex challenges that required tailored, innovative solutions:

- Soft, unstable ground conditions across protected peatland
- Limited site access and remote location logistics
- Requirement for specialist lifting equipment adaptable to the terrain
- Complex environmental considerations requiring minimal ground disturbance
- Coordination of sequential operations with tight tolerances and safety controls

### Value to client

Aurora's integrated approach enabled the safe and efficient installation of the temporary bridge, allowing the client to move critical equipment further into the site. By providing a cost-effective, low-impact access solution, the project reduced logistical delays, preserved the surrounding environment, and saved both time and money. The operation highlighted Aurora's remote access expertise, creative problem-solving, and ability to deliver under difficult and isolated conditions.



## Contact Us

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