



CASE STUDY

BNSF Logistics Moves Transformer

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Company Profile

American multinational conglomerate.

Business Challenge

The customer needed transportation and engineering services to move a 844,000 lbs. transformer from arrival in Port of New Orleans to the generating station and proper placement of the equipment onto the foundation. The power plant was uniquely situated on a county line which made permitting and transportation logistics somewhat of a challenge.

Solution

BNSF Logistics and Edwards engineering team worked closely with county authorities, the neighboring counties affected by the transport and state DOT to understand their concerns and issues.

Jointly, the companies developed a safe work plan to ensure the safety of cargo, equipment, employees and third parties along the route and on site.

Process/Procedure

BNSF Logistics placed a barge at the Port of New Orleans, provided engineering and sea fastening calculations to securely load and lash the transformer to the barge, arranged for the barge transport to a suitable landing in the vicinity and discharge from the deck barge in Ro/Ro operation.

Extensive road surveys and bridge engineering reviews were made by the BNSF Logistics/Edwards team presenting a detailed transportation plan to the authorities to move the heavy haul items on the narrow county roads, which in large part were not constructed to US DOT standards.

The extensive legwork and detailed findings led to an approval of the route by governing agencies from a local barge landing to the job site. Transportation also required the mobilization and utilization of 120-foot bridge jumpers to avoid damage to the existing infrastructure.

The client was pleased with the detailed planning and full execution of the project.

BENEFITS ACHIEVED

- Minimized environmental impacts such as pollution and harmful emissions
- Zero error strategy in all aspects of QHSE through compliance
- On-time and on-budget solution created for the customer

