

engineering innovation



**JONES BROS**  
CIVIL ENGINEERING UK



# Engineering the future

## Leading the way

Jones Bros today is a world-class civils business, leading the way in engineering innovation services.

We operate across the UK and beyond for an expanding range of truly international clients, a serious player in the global economy in the 21st century.

With a comprehensive range of fully-owned heavy plant, highly trained and operationally savvy personnel, Jones Bros regularly keeps entire projects in-house from contract award to handover on site.



We pride ourselves on delivering our services over the long-term, often on a repeat basis, to clients who value both our people and our dependability.

Well-known and respected for its partnership style, Jones Bros is as approachable now as it was when first founded in the 1950s.







# Highways

## A professional approach

All the major constituents of our highways schemes are planned and carried out in-house, so you can rest assured that Jones Bros employees will take care of your project from inception to completion.

We regularly win from local authority and national highways bodies stand-alone and framework contracts, such as a four-year trunk road maintenance framework worth up to £12m.

We have also won significant contracts purely on a quality selection basis.

As clients have moved away from traditional tendering techniques, we now routinely take part in the latest procurement methods including partnering, such as in a 50:50 joint venture to construct a £35m bypass.



From challenging emergency rock cutting remedial works – finished ahead of schedule – to the pre-programmed resurfacing of major highways, our experience in planning complex traffic management arrangements safely ensures minimal disruption to the travelling public.

For instance, we planned and managed the removal of a major bridge structure over a national highway, removing the structure and abutments all over one weekend period.

Our services also include bulk earthworks, traffic management, site clearance, drainage, surfacing and reinforced concrete structures.







# Infrastructure

## Innovation and diversity

Jones Bros has an enviable track record in infrastructure projects – from major business park infrastructures and access roads to site preparation for new homes developers.

Our award-winning construction and design teams work closely together, enabling you to benefit from seamless project communications and management, plus economies of scale, from planning to completion.

Sustainability and minimisation of environmental impact are important considerations for us. We received a CEEQUAL excellent award (Civil Engineering Environmental Quality Assessment and Award Scheme) for our contribution to a £19m mixed housing and leisure business development.

We also regularly nominate our projects for the Considerate Constructor scheme.



Our team is highly skilled at successfully completing projects on sensitive heritage sites, including a 13th century castle.

Infrastructure projects are approached with creativity and innovation. For example during construction of a 3.6 km long, 12m wide, world-class superbike standard racetrack, we set up an on-site quarry, significantly reducing the cost, and environmental impact, of the project.

Whatever your infrastructure project, Jones Bros will strive to deliver well above your expectations.







# Renewables and Energy

## A sustainable future

Having established techniques for constructing forestry access tracks in mid-Wales during the 1970s, Jones Bros was in an ideal position to start providing balance of plant services for wind farm developers and turbine manufacturers.

We've amassed a great deal of experience in managing the complex logistics of working over large expanses in remote areas.

Our team understands the special requirements of projects involving the construction of access roads to accommodate abnormal loads, turbine foundations, substation buildings and electrical infrastructure.

Our biggest wind farm contract to date involved 60 turbines (140 MW). Our on-site batching plant ensured maximum flexibility and saved many heavy vehicle journeys. We also constructed a £1m eco-control centre at the site. This entire contract was successfully completed within schedule despite delays caused by the worst winter in half a century.





Photography: Guy Woodland.  
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Our expertise is such that we can readily deliver requirements, such as piling of turbine bases, especially challenging in a harsh environment.

We also provide onshore infrastructure to the offshore renewables industry. An example is a £2m brief to carry out enabling and preparation works for a 400 KV substation for a large offshore wind farm.

With Jones Bros in charge of your project, you can be confident that you have an experienced contractor that provides the full balance of plant contract services.

Jones Bros also has a long and varied history of working in the energy sector – from provision of power station PFA storage facilities and coal handling slab works to the design and construction of a state-of-the-art eco visitor centre.





# Flood and Coastal Protection

## Sensitivity to the environment

Over many years, Jones Bros has developed expertise in managing and carrying out flood and coastal protection work, including a £6.5m project to shore up the sea defences in a busy seaside resort.

We played a vital role in the design of the scheme and, in an effort to be as environmentally-friendly as possible, we transported the bulk of the rock by sea.

Jones Bros was also recognised within the trade press for establishing and maintaining excellent community relations with residents affected by the works.

We are skilled at producing and handling rock armour and core materials required for coastal defences to British and international standards. In addition, we carry out beach nourishment and management, including recycling of shingle or sand.





# Marine Infrastructure

## Strict management procedures

Jones Bros has managed and built substantial port and marina facilities on a national basis, from a prestigious marina in an environmentally sensitive estuary, to infrastructure for a new terminal at an operational ro-ro ferry facility at a key UK-European transportation hub.

Strict environmental management and plant maintenance procedures ensure the risk of pollution to the water is minimised.







# Waste Management & Remediation

## Land restoration solutions

Jones Bros was an early leader in the laying of HDPE geomembranes, the mixing of bentonite enhanced soils and the laying and conditioning of clay for landfill sites.

We continue to remain at the forefront in engineering safe, cost-effective schemes for the construction and operation of landfill sites, including the entire associated infrastructure and recycling facilities.

In addition, our experience in earthworks means that we can quickly cap and contour sites to start the process of returning them to creative use.

Specialist skills are vital to handle competently the reclamation of brownfield sites, particularly former industrial sites that may be highly contaminated with dangerous substances.

Jones Bros' technical experts are skilled at and practised in restoring such sites innovatively, safely and economically.



As well as organising traditional excavation and licensed off-site disposal, together with landfill containment construction, our team can identify, design and construct on-site containment or treatment methods that significantly reduce your costs and construction timetables.

Long-term projects undertaken by Jones Bros include a £7m waste remediation framework.

As an additional service, we have a gas pipework division, giving us the capability to deliver a complete turnkey project in the landfill industry in the UK and internationally.

This division offers services including basal drainage; telescopic leachate extraction shafts; gas extraction systems; leachate control, power generation and closed landfill restoration.

Gas extraction systems, either bespoke installations or extensions to existing systems, can be provided by our experienced and qualified site staff – all working to the strictest quality control.







# Quarrying & Aggregate Production

## Processing and bulk earthmoving

Jones Bros can provide a full service using materials and equipment at our own quarry, or by establishing a quarry at your site using our range of crushing and screening equipment.

This equipment is available for hire or contract work anywhere in the UK.

By extracting and processing aggregate on site, we can significantly reduce the amount of imported materials required for highway and infrastructure work.

On one project alone, we avoided the need for 3,500 return journeys by heavy vehicles to deliver aggregate to site.





# Surfacing

## In-house surfacing division

Jones Bros has an in-house surfacing division with considerable experience in planning and carrying out surfacing works.

We adopt the principles of sustainability by planning and recycling existing materials where possible to use as sub-base. In one case, during construction of a racetrack, stone excavated on site was recycled to generate material for the base layer, which was resurfaced to world superbike racing standards.

The division has a reputation for completing on time and to budget surfacing contracts requiring, for example, widening of dual carriageways and reconstruction of access roads, sometimes within very heavy traffic flows.





## Plant Hire

### One of the largest heavy plant fleets in the UK

Jones Bros' modern fleet comprises Komatsu, Volvo, Terex, Moxy and Metso equipment. They include tracked and wheeled excavators, bulldozers, wheeled and tracked loaders, articulated dump trucks plus crushers and screens.

Other equipment available for hire includes self propelled and towed rollers, telescopic handlers and tractors, as well as welding and surveying equipment and generators.

Availability of in-house management expertise plus ownership of our own plant provides the flexibility to hire Jones Bros on a conventional contract, as a partner or by supervised hiring of plant.





## Portable concrete batching plant

We've been hiring out our heavy plant for more than 40 years, so our trained staff can also provide comprehensive advice and back-up, whatever your needs.

Jones Bros also has its own portable concrete batching plant – one of the few civil engineering companies to do so. This brings many benefits including a more cost-effective contract and greater control and flexibility.

We will help you to achieve maximum production in the safest environment, whilst maintaining our exemplary health and safety record and exceeding our legal obligations.







## Training

### Dedicated training centre

Jones Bros runs its own dedicated training and testing centre providing accredited, industry standard training courses in construction and plant operating skills.

Training takes place at our purpose-designed testing suite or on-site, primarily at our own quarry.

We were one of the first independent accredited Modern Apprenticeship training providers in the UK.

We also own a wide range of plant so our courses include training in less common machinery such as crushers and 360-degree excavators, as well as dumper and digger training. Courses take place regularly and can be tailored to meet the needs of a company or an individual.

Jones Bros trainers have a wealth of experience in the construction industry, gaining a wide range of skills that they bring to their training role.

reliability, quality, flexibility and expertise

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