



TERRAWISE



C O N S T R U C T I O N

Company Profile 2011

Terrawise Construction is a specialist civil engineering company, serving the Rail, Highway and Renewable sectors. We have vast experience of working in demanding environments, where we offer our clients a one stop package, providing a full design and build service, or just installation on a variety of specialist civil engineering projects. Our Promise is to deliver projects on time, to budget, to the performance specification, with safety being our number one priority.

www.terrawise.co.uk

The Company

Terrawise Construction is a specialist civil engineering company, serving the Rail, Highway, Power and Renewable sectors. We have vast experience of working in demanding environments, where we offer our clients a one stop package, providing a full design and build service, or just installation on a variety of specialist civil engineering projects. Our Promise is to deliver projects on time, to budget, to the performance specification, with safety being our number one priority.

Our History

Terrawise Construction is a private limited company founded in 2006 by an experienced partnership of civil engineers.

The management team have a combined experience of around 80 years in civil engineering, covering a broad range of sectors including rail, highways, piling & foundations and power & renewables.

Our commitment to excellence has been the driving force behind establishing Terrawise as the contractor of choice throughout the sectors we serve. The combined efforts of our professional management team and highly skilled workforce continuously strive to generate the best results for our clients.

Our Vision

To be the Civil Contractor of choice, delivering quality projects safely, to budget and to the performance specification every time.

Our Mission

To be the leading civil engineering contractor across the sectors we serve, delivering excellence through all the projects we undertake, ensuring customer satisfaction by meeting expectations successfully.

“We are proud to have achieved a reputation throughout the industry of delivering all our projects safely, to budget, to specification and program, every time.”

Darren Long
Managing Director

Service Sectors - Rail

Terrawise Construction has extensive experience and a proven track record in providing civil engineering solutions for the rail industry. Our expanding rail division, allows us to provide a number of turnkey solutions, including:

- Renewal / upgrade of level crossings throughout the network.
- Platform renewal / extension.
- Installation of helical piled foundations for signal, OHLE and telecommunication structures.
- Installation of driven tube foundations for signal, OHLE structures, power and telecommunication structures and equipment.
- Construction of reinforced concrete foundations for signal, OHLE, power and telecommunication structures and equipment.
- Soil nailing and embankment stabilisation works.
- Ancillary civil engineering works supporting the signalling, electrification and telecommunication departments.
- Structure renewal and maintenance.
- Building construction and maintenance.
- Drainage schemes including renewal and repair.

“The finished work is excellent and has impressed Network Rail.”

Project Manager
Volker Rail

Service Sectors - Highways

Terrawise Construction is the UK leader in the installation of steel foundations for the highway network. We have successfully installed foundations for the majority of major highway projects across the UK.

Our portfolio of works include:-

- Installation of helical piled foundations for MS3, MS4, superspan gantries, AMI's, CCTV, equipment platforms, structure protection, road restraint systems.
- Installation of driven steel foundations for MS3, MS4, superspan gantries, AMI's, CCTV, equipment platforms, lighting columns, structure protection road restraint systems.
- Installation of drilled micro piled foundations for MS3, MS4, superspan gantries, AMI's, CCTV, equipment platforms.
- Soil nailing and embankment stabilisation.

“I thought that your team worked well on the SWDIS Phase 2 scheme. They easily met the programme target with no problems encountered.

They worked safely and adhered to the Health and Safety requirements we imposed.

Overall an excellent effort.”

Project Manager
Balfour Beatty

Service Sectors – Piling & Foundations

Terrawise has vast experience in pile installation serving the Highway, Rail and Private sectors. Our constant investment in plant machinery, coupled with our experienced and trained work force, has driven us to become one of the leading piling and foundation installers across the UK.

Our portfolio of work includes:

- **Helical Piling** - We have completed more than 2000 bases for motorway gantries, as well as signage and equipment foundations for clients such as Carillion, Balfour Beatty and Bam Nuttall.
- **Driven Steel Tube** – Our range extends from 610mm diameter down to 170mm employing either top hung vibro hammers or our own **Movax SP50W side grip vibro hammers** which are excavator mounted. This unique machinery means we can pick up a tubular pile anywhere along the length, and achieve 360 degree manipulation. This equipment is very useful in constricted spaces and low headroom and it also eliminates manual handling as well as lifting and slinging. We have completed works for **VolkerRail** and **Morgan Sindall** in the provision of OLE foundations. We have also worked very successfully for **Kent County Council** through **Bam Nuttall**, installing tubular pile foundations for lighting columns, where we have achieved very high outputs and cost savings.
- **Micro Piling** - We have installed in excess of **1000 micro piles** for most major contractors. Using the Ischebeck hollow bar sacrificial bit grout injected system, or similar, our piling rigs are the TEI 550 excavator mounted type, which are ideal for areas where access is difficult and piling platforms are undesirable.
- **Soil Nailing** - When soil nailing to slopes where the rig needs to stand either at the top or at the bottom of the slope, we utilise the micro piling rigs described above. We have completed works for **Morgan Est on the Olympic site at Stratford**, providing sheet pile wall tie-back anchors.

“Following the successful installation of the 610mm piles at Bletchley last weekend, I’d like to extend our thanks for your efforts.

Please can you pass this on to your construction team; they were safe and solid - praise indeed from me.”

Project Manager
Colas Rail

Service Sectors – Power & Renewables

Terrawise Construction recognises the 2020 targets set by the government to reduce carbon emissions by transferring 30% of electricity to renewable sources. In response to this target we have tailored a number of solutions for on-shore wind turbines, photovoltaic units and other equipment platforms.

Our portfolio includes:

- The construction of reinforced concrete foundations.
- The installation of drilled, helical, driven piled foundations.
- General civil engineering works including ducting, troughing, fencing, equipment housing, drainage and road works.

“For the works undertaken on this project I cannot see how Terrawise could improve on the service we received.”

Project Manager
Carillion

Company Data

Company Name: Terrawise Construction Ltd

Registration Number: 5875465

Head Office: Terrawise Construction Ltd, 104 the court Yard,
Radwaygreen Business Centre, Radwaygreen, Crewe, Cheshire, CW2 5PR

Registered Office: As above

Date of Incorporation: 13th July 2006

Auditors: Hurst and Co

VAT Number: 897314973

Insurances

Employers Liability: £10,000,000

Public Liability: £5,000,000

Products Liability: £5,000,000

Policy Number: Y007702QBE0110A

Insurance Company: QBE Insurance

Renewal Date: 23rd January 2012

Contract Works Policy

Maximum Contract Value: £2,000,000

Policy Number: 06687319

Insurance Company: Chubb Insurance

Renewal Date: 23rd January 2012

Tax

UTR 4501912286

Bank

NatWest

The Square

Crewe

Cheshire