

GTA Civils provides professional engineering services for projects of all sizes - from pre-planning through to post-construction



Based in the south of England, **GTA Civils** provide civil engineering design services for clients throughout UK and abroad. Continuously operating since 1974, we have a wealth of experience and knowledge at our disposal.

We are proud of our reputation for customer service and seek to develop long term relationships with clients by producing quality work and responding quickly throughout our appointment.

Our team has the flexibility and knowledge to design and manage a wide variety of projects – from major civil engineering, infrastructure and transport schemes, to smaller scale works such as minor road realignments and residential flood risk assessments.

Skills and Support

We understand client needs for fast and efficient reaction to project demands. Our team combines a wide range of skills to tailor our service to client needs. We produce high quality, innovative and cost-effective solutions.

As well as technical expertise, the team also focuses on client support and feedback. We value all our clients equally, whatever the size of project.

In-house, cutting-edge computer software programs ensure fast and accurate delivery to clients and industry standard design.

Quality Control

To ensure that each job is managed optimally, we have very rigorous quality control procedures in place to which all team members adhere.

Our **Investor in People** status is testimony to our training scheme and management philosophy.

We are compliant with **CHAS 2003** (Contractors Health and Safety Assessment Scheme) and appear on their database. We are also **ISO9001** Registered and for two years running we have received a diamond award for customer service.



GTA Services

Civils and Infrastructure Services



Using a logical but imaginative approach, we have solved a number of seemingly impossible problems.

Our aim is to provide our clients with the comprehensive, multi-disciplinary resources they need in order to fully evaluate their options and more effectively reconcile their needs with the requirements of the relevant authorities.

All surface water disposal systems should now be designed on a sustainable basis, minimising the impact on the environment by utilising appropriate SuDS techniques prior to discharge. To achieve this, we use the leading industry standard drainage modelling system – **MicroDrainage** - for all of our drainage design, providing clients with a full range of foul and surface water network design services.

We also use the latest **AutoCAD** software and **Causeway's PDS** road design package.

We design proposed site levels with a view to minimising volume of cart-away as much as possible within the site's constraints.

GTA Civils is a firm believer in high-quality presentation and works closely with architects, structural engineers, M&E engineers and developers to achieve this.

Civils and Infrastructure Services

- Foul and surface water drainage design
- Section 104/185 sewer adoptions / diversions
- Site level design
- Digital ground modelling including cut and fill
- Sustainable Drainage Systems (SuDS)
- Sewer / watercourse diversions
- Estate road design for Section 38 adoption.
- Section 278 works including Junctions, crossings etc.
- Estate drainage design for Section 104 adoption
- Design of car parking and hard landscaping
- Preparation of combined utility services layouts.

Flood Risk Assessment Services



We have an outstanding track record; since January 2010 we have issued over 400 FRA reports, with a success rate of over 97%.

GTA Civils specialises in the preparation of Flood Risk Assessments (FRA) and other associated documents, including Hydrology Reports and Flood Warning and Evacuation Plans / Flood Response Plans.

We have an outstanding track record; since January 2010 we have issued over 400 FRA reports, with a success rate of over 97%.

GTA Civils has been successful in obtaining approval for particularly difficult projects, including those lying within areas prone to coastal or river flooding. We are happy to provide advice on the proposed levels and positioning of buildings in order to maximise the chances of success for our clients, both in relation to Local Planning Authority or Environment Agency approvals and to ensure the long term health and safety of the sites' occupants.

Our appointments have been many and varied, including projects comprising dwellings, commercial, retail, education, public assembly and worship, industrial and agricultural components.

We have helped clients obtain planning permission for new builds, extensions, change of use and divisions (where a single dwelling is split into two or more flats).

Our Flood Risk Assessment Services

- Flood Risk Assessments to comply with NPPF
- Flood plain compensation Schemes
- Sustainable Drainage Systems (SuDS)
- Sewer and watercourse diversions
- Surface and foul water drainage strategy
- Attenuation and storage design for the peak 1 in 100 year storm event (plus 30% climate change allowance) using MicroDrainage software.
- Soakaway design to BRE 365
- FRAs to comply with current legislation and guidance
- Flood response plans

Flood Risk and Legal Policy

The **National Planning Policy Framework (NPPF)** is the national legal policy document governing flood risk. All developers must comply with it in order to obtain planning consent for their development. GTA Civils has extensive knowledge of the NPPF and its requirements, having prepared hundreds of Flood Risk Assessments over the eight years that the EA and Local Planning Authorities have required them.

The NPPF requires that all planning applications for sites over one hectare include a formal Flood Risk Assessment – even if the site is not within an area recognised as being prone to flooding. The FRA ensures that all aspects of the surface water strategy are taken into account when the site is designed.

We also prepare Flood Risk Assessments and drainage designs in accordance with **BREEAM Pol 3** (surface water runoff) and all other relevant guidance and legislation.

Decades of Drainage Design

Our extensive experience of drainage design means we are very familiar with the requirements of the Environment Agency and other Lead Local Flood Authorities, enabling us to prepare all calculations and design drawings in-house.

Since April 2015, new government guidance requires that **Sustainable Drainage Systems (SuDS)** are incorporated in all new developments of 10 homes or more and on major commercial developments. Lead Local Flood Authorities are also becoming more stringent when examining new schemes. GTA civils are experts in designing and incorporating SuDS in our drainage strategies.

gtaCivils has a successful track record in carrying out **Flood Plain Volume Compensation** exercises for projects that require them. In certain conditions, where the raising of levels is proposed in a flood plain for instance, it is necessary to replace any volume lost, normally by lowering ground levels on other parts of the site. This process involves a strict protocol, imposed by the EA, which can make it particularly time consuming. Our expertise enables us to minimise the time required on such aspects of site design.

Our customers find our fees very competitive; basic **Flood Risk Statements start from £450 + VAT** (Sites within an undefended Flood Zone 3 are more expensive to do the requirement for a topographical survey to Ordnance Datum). We provide free, comprehensive quotations with a full breakdown when requested.

Transport Services



We have decades of combined experience in preparing Transport Assessments, Statements and Reports to support planning applications.

The transport impacts of any development need to be considered throughout the planning process – from feasibility to construction – and GTA Civils can provide all the professional advice and guidance you need.

Our highly-experienced Transport team has worked on a wide range of projects – from residential, commercial and education, to faith establishments and solar farms. We also have significant Local Government experience within the Transport Team. This allows us to offer a comprehensive service to both Planning and Highway Authorities from the development of area wide transport models to local access requirements.

Transport Assessments play a key part in our service provision and we have successfully delivered assessments for development projects of all sizes.

Master Planning & Feasibility Assessments

We provide a full package of transport advice and guidance from small residential and commercial schemes to large multi-use developments. This includes:

- Advice on strategic access, local access and the wider traffic impacts of larger scale developments.
- Assessment of the accessibility of the site for pedestrians and cyclists and the integration with existing settlements.
- Assessment of opportunities to integrate with existing public transport services and hubs

Input into Local Development Plans

We provide a range of services from building transport models, through interpretation of new or existing models outputs, to assessment of smaller development options. We can also assist with policy development.

Advice on planning applications

We can provide:

- Advice and support in relation to applications already submitted.
- Quick detailed professional advice for developers and residents.
- Assessment of the key local issues such as road safety, highway link & junction capacity and accessibility.

Transport Assessments, Transport Statements, & Transport Reports

We can prepare a range of different reports depending on the nature and scale of your proposed development.

A Transport Assessment / Statement / Report is a comprehensive and systematic process that sets out the transport issues relating to a proposed development and its transport impacts. It identifies measures to deal with any unacceptable transport impacts of the development and to maintain or improve accessibility and safety for all modes of travel, particularly for sustainable alternatives to the car such as walking, cycling and public transport.

Highway Access reports

We offer Highway Access Reports for smaller access proposals including assessment of vehicle speed, road safety and visibility requirements.

Travel Plans

Our Travel Plans will cover the short, medium and longer term management strategies for encouraging sustainable travel options at your site.

We prepare Travel Plans to suit your individual needs including:

- Travel Plan Frameworks,
- School Travel Plans;
- Large scale Residential Travel Plans;
- Travel Plans for business

We also provide post planning permission management of your Travel Plans including guidance, surveys and reports.

Expert Witness at Planning Appeals

We have extensive experience and knowledge of the planning appeals process and the public examination of local plans. We offer expert transport witness input into all types of appeals:

- Written Representations,
- Informal Hearings and;
- Public Inquiries.

Traffic & Transport Modelling

We offer a range of traffic and transport modelling services, including the development of wider strategic transport modelling such as SATURN, & VISSIM. We also offer junction impact analysis using:

- PICADY
- ARCADY
- LINSIG

Assistance to Local Authorities

As we have extensive local Government experience, we are able to offer a full Transport Development Control service to Highway Authorities. This can be provided on a case by case basis or more comprehensively over a fixed term.

Pre-Land Acquisition Services



We provide technical assistance to developers prior to the purchase of new sites; our extensive experience in development means we have a good understanding of the commercial needs of the client. We can also provide initial highways planning advice.

Should site constraints require an alternative means of drainage, we can arrange capacity checks, topographical and CCTV surveys and site investigation reports. We also provide the following reports at an early stage of the project:

- Flood Risk Assessments
- Transport Assessments / Statements
- Travel Plans
- Utility feasibility studies

Through our experience of working with developers, we understand the urgency and pressures involved in providing a viable drainage strategy. We pride ourselves on the timely preparation of cost-effective road and drainage solutions.

We can produce a pre-acquisition technical report highlighting all areas of concern as well as an indication of budget costs and potential unusual costs, utilising survey data, site investigation reports, existing services information and any other information that is available.

Other Services

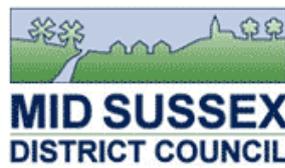
Using the relationships we have developed with companies over a range of disciplines, we are able to organise services beyond our immediate expertise, bringing clients the benefit of a single point of contact at GTA Civils.

Other services we can offer via partners are:

- Topographical Surveys
- Site Investigations
- Structural Engineering

Clients

Our client list ranges from commercial developers and housebuilders, to Local Authorities and the Public Sector. We also undertake a large number of small scaler projects for SME's and domestic customers. Key clients include:



Testimonials

"As a developer we like to use GTA Civils for their value engineered solutions."

John Hawkins, Director, Valad & Benchmark Estates

"Their professionalism, versatility and attention to detail gives us every confidence in recommending GTA Civils every time, no matter the scale of the project."

Ben Richardson, Director, Heritage Developments

"GTA have provided a professional, organised and efficient service. We look forward to working together on future projects."

Grant R. Martin, Technical Manager, Ward Homes, a division of Barratt Homes

"We would recommend GTA Civils without hesitation. We have used them on a number of projects of varied complexity and size. We have always found their service to be professional, thorough and delivered in a friendly, efficient manner."

Anne Martin, Marcon Bespoke Homes

Company History

2016 | GTA OFFICE EXPANSION

GTA expand their offices in Burgess Hill, doubling the floor area to accommodate the expanding Transport Department.

2014 | LAWRENCE STRINGER JOINS GTA

Lawrence Stringer joins GTA Civils to lead our Transport Planning Team, bringing 27 years of experience working in the public sector with East & West Sussex County Councils.

2011 | GTA IN AFRICA

GTA Civils undertake technical quality audits on major highway schemes in Africa.

2008 | FLOOD RISK FURTHER DEVELOPED

GTA Civils make progress in developing the flood risk assessment side of the business by branching into complex stream modelling.

2007 | GTA MOVES TO CHURCH WALK

GTA Civils make a successful move to 66a Church Walk, Burgess Hill. Well located in the town centre and close to the railway station, the new office provides a bright and airy work environment for staff.

2006 | MANAGEMENT CHANGES

Neil Stevenson joins the company as a technical director; Gerald Tobias takes early retirement and continues as a company consultant; Emma Horsby hands over the managing director reins to Martin Roberts. GTA achieves CHAS accreditation.

2005 | INVESTOR IN PEOPLE

GTA Civils achieves Investors in People recognition at the first attempt!

2004 | GTA'S 30TH ANNIVERSARY

Emma Horsby becomes sole managing director and Martin Roberts is appointed a director. GTA Civils celebrates 30 years in business.

2003 | CHANGES TO CORE SERVICES

GTA Civils decide to withdraw from mechanical and electrical engineering services in order to concentrate on the core business of Civils, Highways, Drainage and Infrastructure services.

2002 | SUCCESSION PLANNING

The directors implement a 5-year programme of succession planning; Gerald Tobias and Emma Horsby become joint managing directors.

2002 | RANGE OF SERVICES EXTENDED

GTA establishes an association with Highway Associates, a small but very professional group of engineers, dealing with all aspects of traffic, road design and maintenance. As a result our range of services extends to include highway engineering.

1996 | INCORPORATION OF PETER LINES

The incorporation of Peter Lines & Partners by GTA Civils broadens the scope of services to encompass a wider building services capability.

1992 | GTA FACILITIES MANAGEMENT

Emma Horsby launches GTA Facilities Management to provide survey and project management services for the implementation of minor to medium building services contracts.

1974 | GERALD TOBIAS ASSOCIATES

Gerald Tobias establishes the private practice of Gerald Tobias Associates (now trading as GTA Civils Ltd). It offers a consultancy specialising in services associated with public health and infrastructure engineering - drainage, sewage disposal, road and hard standing design, plumbing, water and fire engineering. Until the mid-1990's a large portion of its workload is provided by retailers Safeway and Sainsbury.

Management team



Martin Roberts IENG, ACIWEM, MCIHT

Managing Director

Martin is a director who enjoys giving personal attention to his clients by successfully managing their projects and through good communication. He has a reputation for producing high quality, innovative and cost effective design solutions.

Martin has particular skills with regards to Flood Risk and SUDS (Sustainable Urban Drainage Systems) and overcoming Environment Agency objections and SUDS officer's objections on difficult sites. He is also responsible for the financial well-being of the company and personally overseeing the workload of the engineering team.



Neil Stevenson MCIHT

Director

Neil takes the lead at GTA in developing new business and extending existing relationships. He has a well-rounded wealth of experience within the construction sector and is always willing to offer the benefit of his experience to new and existing clients. He has been in construction since 1987 and has held senior positions in previous employment prior to joining GTA Civils as a director in 2006.

Neil is responsible for helping GTA Civils develop its highways team and also increase the commercial and residential housing market client base. In addition, Neil shares the responsibility for all GTA projects and managing the team of senior engineers, engineers and technicians.



Lawrence Stringer BENG, CENG, MCIHT, MRTPI

Director

Lawrence heads up the Transport Planning Team at GTA offering a range of services such as Transport Assessments, Travel Plans and modelling. He has over 27 years of experience with senior management roles at both East Sussex County Council and West Sussex County Council.

Lawrence has good knowledge and experience of local government, together with an excellent understanding of the whole planning process, from developing planning policy through the application process to construction involving Section 38 and 278 agreements.

During his time at East Sussex, he was also part of the TRICS Management Board and has detailed knowledge of the TRICS database and its application in the development planning process. Lawrence also is a Reviewer for the Chartered Institute of Highways & Transport for those wishing to become Chartered Engineers.

Contact Us

If you have an enquiry or need some professional advice, our friendly, professional team is happy to help.



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We look forward to hearing from you