



**FOR
EFFICIENT
AND
EFFECTIVE
DELIVERY**

**AMCO-
GIFFEN**

**THE AMCOGIFFEN AND
CARNELL PARTNERSHIP**

Carnell



| Highways

Our roads are the vital threads of the UK infrastructure that connect, people and communities, foster economic growth and facilitate progress.

As collaborative delivery partners, we stand as guardians for safe, efficient, and sustainable highways for asset owners, offering a full range of maintenance and improvements.

Backed by a team of experts we bring decades of experience, we embrace early contractor involvement, and cutting-edge technologies for safer, smarter solutions, providing a high-quality long-lasting, customer centric service.

Work with us to redefine standards of highways maintenance. We don't just maintain roads, we forge routes to a safer, more connected and sustainable future.

| AGC – The AmcoGiffen and Carnell Partnership



AGC is a unique partnership consciously created to provide excellent highway maintenance solutions in the UK.

This partnership comprises of Amalgamated Construction (AmcoGiffen) and Carnell Support Services, both subsidiaries of Renew Holdings plc, an intrapreneurial family of businesses providing several engineering services through independent brands.

By seamlessly integrating our road and rail capabilities our collective skillsets provide extensive value engineering, innovation, and cost savings, whilst working together as a unified team, self-delivering a wide-ranging, multi-disciplinary infrastructure asset maintenance and enhancement project scope.

| Stronger Together



AGC capitalises on the strengths of each company, creating a dynamic powerhouse that works together as one organisation – one team with one culture.

Empowering our clients with confidence and certainty of safe, customer-led service delivery and wide-ranging capabilities extending far beyond highway barriers and fencing.



**VEHICLE
RESTRAINT
SYSTEMS**

**PARAPET
RENEWALS**

**BARRIER
REPLACEMENT
INSTALLATION**

**BOUNDARY
FENCING**

AmcoGiffen

**STRUCTURES
RENEWALS**

EARTHWORKS

**CONCRETE
REPAIRS**

**TUNNEL
MAINTENANCE**

**STEEL
FABRICATION
FACILITY**

**EV CHARGING
INFRASTRUCTURE
INSTALLERS**

Carnell

**DRAINAGE
SURVEYS**

**TECHNOLOGY
& LIGHTING**

**FILTER DRAIN
RECYCLING**

**SAFETY
CAMERA
SOLUTIONS**

**CIVIL
ENGINEERING**

Efficient and Effective Delivery

Our AGC delivery model mitigates the challenges faced by the highways industry every day in keeping the network open and free-flowing and moving safely while focusing on reducing carbon and delivering efficiencies, this is achieved by:

- » A reduced headcount compared to traditional and other market entities
- » Fee-on-fee and risk-on-risk within the partnership are eliminated
- » Direct delivery model and internal plant ownership and capacity, reducing interparty interfaces
- » Increased speed of delivery
- » Limited third-party delivery with clear ownership and accountability
- » Our team being able to focus on cost reduction and value creation
- » Unique cross-sector experience collaborating with varied stakeholders across different sectors

Our Ambition

We aspire to spearhead innovation and optimal value in terms of sustainability and our social impact, transforming the highways market through:

- » Dedicated internal delivery
- » Collaborative learning events
- » Enhanced technical knowledge
- » Integrated planning with regional operational centres
- » Excavation and utilities tracking
- » Aiming for zero carbon emissions
- » Supporting and developing community and supply partners
- » Limiting customer impact in the design and planning stage



SERVICES

Highways Contracting and Maintenance Services

AGC has broad collective experience in asset maintenance and project delivery across the UK's busiest and most remote highway infrastructure.

Our teams are well-placed to understand the complex and unique challenges of each project, providing expert advice and solutions for efficient delivery. Being ISO 45001 accredited, whether it's operating within the strategic road network or local roads, safety is at the forefront of everything we do.

We provide safe, intelligent and technical solutions tailored to your needs and we are entrusted to deliver high standards of construction and maintenance works whilst minimising disruption to client operations.



CAPABILITIES

Vehicle Restraint Systems, Parapets and Barriers

AGC delivers barrier and fencing works in the central super region, and north-west and north east regions for National Highways, and nationwide for local authorities.

Underpinned by our ISO9001 certification includes NHSS 10B: Permanent Vehicle Restraint Systems (incorporating NHSS 2B & NHSS 5B), we have the capacity and capability to maintain the entire range of highway VRS systems such as:

- » Concrete barrier
- » Single and double sided corrugated
- » Open box-beam.



CAPABILITIES

Bridge Parapet Renewals

- » Including temporary works
- » Additional risk reduction measures
- » Partnering with manufacturer Versco 10A sector scheme approved supplier



Boundary Fencing, Supply, Installation and Repair

- » Posts, rail and other types of boundary fencing
- » Fencing covered by the scope of National Highways Sector Scheme 2A certification

Noise Barrier Installation

- » Including temporary works
- » Additional risk reduction measures
- » Partnering with manufacturer Versco 10A sector scheme approved supplier



Barrier Surveys

- » Find and fix post and beam surveys
- » Identifying safety-critical defects

Civil Engineering

AGC designs, constructs, and maintains a wide variety of highway infrastructure across the UK for National Highways, Transport Scotland and local authorities.

Our in-house and specialist services include:

- » Structure renewals
- » Earthworks
- » Drainage
- » Concrete Repairs
- » Tunnel Maintenance
- » Road construction
- » Trench and duct installation for utilities
- » Car parking projects
- » Public realm works



Specialist Plant

AGC has invested in a task force of specialist plant to enhance our self-delivery capabilities. Our current fleet includes:

Our current fleet includes:

- » **Barrier Master BM15 Post Puller™** – quickly and safely removes all posts from any foundation with minimal operator input
- » **Orteco SMART 800 hydraulic pile driver** – crawler-mounted machine for safety barrier installation
- » **Push-pull test equipment** – to determine the anchorage properties of the safety barrier
- » **Cheese wedge lorry**
 - which can be folded to provide a flat deck
- » **Deep Saw Cutting**
 - » Up to 1,500mm blade diameter
 - » Trench cutting
 - » Surface and buried chasing for cables
 - » Relief cutting for break out of damaged bays
 - » Pavement cutting up to 1.2m thick



OUR SERVICES AT A GLANCE

Our range of capabilities in Highways contracting and maintenance



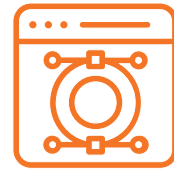
Reactive maintenance



Early Contractor Involvement (ECI)



Planned Preventative Maintenance



Full D&B Project Management



Multi-disciplinary civil engineering



Structure Renewals



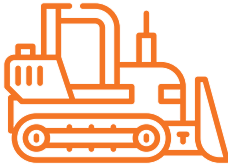
Concrete Repairs



Drainage



Tunnel
maintenance



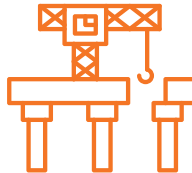
Earthworks



Vehicle Restraints
Systems



Bridge Joints



Parapet
maintenance and
replacement

OUR SERVICES AT A GLANCE

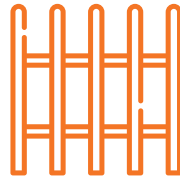
Our range of capabilities
in Highways contracting
and maintenance



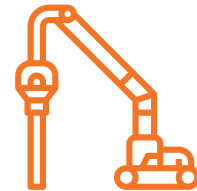
Vegetation
management



Noise Barrier
installation



Fencing



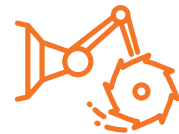
Piling



Gantry
installation



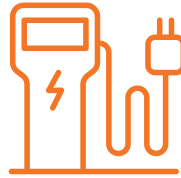
Surveying (GI/SI)



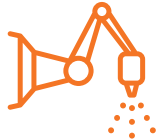
Concrete coring,
cutting & sawing



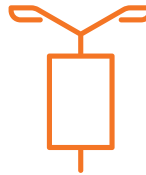
Specialist plant for
barrier removal
and installation



Electric Vehicle
charging points



Specialist
painting



Flood tower and
street lighting



Joint sealing



Line marking

Steel Fabrication and Off-Site Manufacture and Assembly

AGC has exclusive access to a dedicated steelwork fabrication facility at AmcoGiffen which develops projects from design through to manufacture and installation. With two purpose-built workshops designed to serve the build and trial erection for projects.

The facility holds accreditations and certifications across ISO 9001 and ISO 14001 alongside OHSAS 18001 and NHSS 20 and is certified for BS1090 Execution Class 4, for specialist works and Register of Qualified Steelwork Contractors (RQSC) for Bridgeworks.



OUR EXPERIENCES

National Highways

We are the incumbent contractor for the Scheme Delivery Framework, central super region, and north-west and north east regions (£20m p.a.)

M621 Gildersome Parapet Renewal

- » Replacement of life expired parapet
- » 240m of N2W1 vehicle parapet removed and replaced
- » Replacement of associated transitions to the existing verge vehicle restraint system (VRS), in eight locations



M69 VRS Find & Fix Scheme

- » Survey of 30,800m of barrier
- » 4,000m of single sided corrugated beam replacement
- » 1,950m of tensioned single sided open box beam replacement
- » 4,500 post replacements
- » 24,000m of single and double sided barrier re-tensioning

A5 Mile Oak VRS

- Completion of scheme on the A5 near Tamworth
- Replacement of 9,564m of steel barrier
- Installation of single and double-sided barrier in the central reserve



M180 River Trent Parapet Replacement

- 600m of bridge parapet over the River Trent on the M180 motorway in North Lincolnshire

M1 Trowell Post & Rail Fence

- Installation of boundary fencing on both sides of the M1 between J25 and J26
- Vegetation clearance along 3,300m of verge exposed the original boundary fence
- Installation of over 1,800m of new timber fencing and associated wire / barb wire



Our AGC Leadership Team

BRYAN KENNEDY CEng FICE – Operations Director, AmcoGiffen

- 34 years in civil engineering
- Excellent framework management skills
- Multi-public-sector experience
- Responsible for client and commercial deliverables, and mentoring our social value lead and is a STEM ambassador.



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ADRIAN OULDS BEng (Hons) CEng MICE – Business Director, Carnell

- 33 years in civil engineering
- 25 years on the strategic road network
- Former Regional Director at National Highways
- Specialist in design and engineering
- Responsible for Collaborative Business Relationships (ISO 44001) and Lean efficiencies.



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m: 07701 005 287

Testimonials

**“Considering the challenges,
great collaboration throughout by all.
Great job!”**



LEE BROUGHTON MIET

Construction Manager at National Highways

**“Challenging scheme –
great team work and collaboration
to ensure a successful end result.”**



JESS KENNEY

Programme Delivery Manager at National Highways

