



Global
Rail
Services

GRSL Limited

Capability Statement

Who we are

GRSL Limited is part of the Global Infrastructure Group of companies and is the sister company of Global Rail Services Limited in Ireland.

GRSL Limited was formed in 2010 and is a leading Irish provider of design, construct, and commission services for clients across a wide range of engineering and infrastructure industries including utilities construction.

As a fully accredited company, GRSL Limited operates as a main contractor across several in-house disciplines, which include mechanical and electrical, building, civil and structural engineering, incorporating both maintenance and renewals. The company provides a full test and commission service, for both the private and public sectors.

Offering either sector specific services or a fully managed turnkey solution across a range of activities including project management, construction and civil engineering design, GRSL Limited has successfully delivered a range of projects for a variety of clients in both the public and private sectors.



Our People



Stephen O'Brien

Managing Director

stephenobrien@globalrailservices.com



Marco Lombardelli

Director

marco.lombardelli@grcl.co.uk



Eoin Short

Operations Director

eoishortt@globalrailservices.com



Ray Collins

Commercial Director

raycollins@globalrailservices.com



Aidan Kelly

MEP Director

aidankelly@globalrailservices.com



Francesca Brown

Finance Manager

francescabrown@globalrailservices.com



Paul Connell

Contracts Manager

paulconnell@globalrailservices.com



Damien Galligan

Senior Commercial Manager

damiengalligan@globalrailservices.com



Donal Kelly

Senior MEP Manager

donalkelly@globalrailservices.com

What we do

Design & Build, General Contracting and Building

We deliver design and build, general contracting and building work. Services offered include but are not limited to:

- Residential dwelling development and construction
- Sub-station construction
- Commercial & industrial construction
- Office new build and refurbishment
- Mechanical and electrical
- Project management
- Resource supply
- Heritage restoration works

Mechanical & Electrical

We deploy Mechanical and Electrical services on a wide range of utilities construction projects covering:

- Site enabling field works
- Fibre splicing and copper jointing
- Clean earth systems
- Electric Vehicle Charging Solutions
- Electrical maintenance
- Access and security systems including CCTV
- Fire alarms
- Lighting control systems
- Building management and control
- Maintenance: Plumbing & Heating Systems (NSAI SR50-1:2010 Part 1, ET101)
- Maintenance: Air Conditioning Systems (BS EN15240, ET101)
- Maintenance: Air Handling and Extract (ET101)
- Maintenance: Gas Installation System Inspection
- Maintenance: Water Tank Systems (ET101)
- Maintenance: Fire Detection & Alarm (IS3218, BS5839, ET101)
- Maintenance: Intruder Alarm (EN50131), Alarm Receiving Centre (ARC) & EN50518

Civil and Structural Engineering

We provide civil and structural engineering solutions from initial project planning and design, to enabling works covering site surveys, hazard and environmental assessments, procurement, on site construction, and equipment installation, through to final commissioning. We apply our skills to new build, refurbishment and maintenance projects and work in all ground conditions including rock, sand, contaminated soils, and water charged conditions. Our activities include:

- Demolition and remediation, combined service routes and services enabling/diversion work, embankment works and retaining structures
- Excavation, open trenching, boring including micro tunnel, directional boring and non-destructive excavation
- Joint Bays and cable vault construction in any situation including working around live infrastructure, whilst cables are still in service. Protection of workers and services are managed through extensive and proven work methods
- Bridge replacement and refurbishment
- Road construction

Project Experience

Civil Engineering



PROJECT: Installation of 2 No single MV circuits over a distance of 5.3km between a recently constructed 110 kV substation Drybridge to Drogheda town centre, Co Louth

This complex civil engineering project covered the excavation, ducting, backfilling and reinstatement of trenches, including crossing a stream. GRSL connected two existing ducts that were under the M1 motorway, laid ducts over/under existing services and culverts and installed a 400mm² XLPE power cable prior to completion of all road and pavement restoration works.

Significant amounts of hand dig assisted by GRSL's vacuum excavator, to help protect existing services was undertaken, which were deep in a number of locations. GRSL were responsible for the design and construction of all temporary works.

Full Traffic Management and stakeholder liaison was provided throughout, which covered 8 different road opening licences and 21 separate traffic management plans. Ancillary civils works were also completed, including construction of hardstands and passing pits. All ducts were tested and proved prior to cable installation, which was successfully undertaken and executed by GRSL.

Building Remedial Works and Painting



PROJECT: Station remedial works
Bray Station, Dublin

GRSL provided a fully managed and site delivery solution for Irish Rail in order to carefully repair this Heritage station and its associated signal box.

Full traffic and pedestrian management were placed in order to complete improvements to the car park, footpaths, boundary walls and ancillary areas within the station boundary and to enable the installation of scaffolding for a deep clean and re-paint of the entire station. Specific trade works included:

- Vegetation removal
- Deep cleaning
- External painting including brickwork, stonework, woodwork and metalwork
- Internal painting including windows, walls, ceilings, doors and frames
- Car park line marking
- Plastering
- Scaffolding

Project Experience

Concrete Repairs



PROJECT: Concrete repairs framework
Dublin Bus Company

GRSL were awarded a three-year framework with Dublin Bus to undertake, manage and deliver concrete repairs at their bus depots and various other premises throughout Dublin.

GRSL were also appointed and acted as Project Supervisor Construction Stage (PSCS) for the framework. Specifically, the works included the following items:

- Site Engineering
- Breaking up and disposal of existing concrete to licensed facility
- Installation of sub-base
- Installation of concrete
- Installation of reinforcing mesh
- Concrete finishing
- Installation of manholes
- Installation of drainage

Heritage Building Refurbishment



PROJECT: Refurbishment of a listed building
Dundrum Station House, Irish Rail

GRSL completed the sympathetic refurbishment of a listed heritage structure known as 'Dundrum Station House' and demolition of an adjacent two-storey derelict structure. The scope involved the complexities of working adjacent to a live railway environment and involved careful materials, logistics, project and stakeholder management, as well as design co-ordination throughout.

The completely derelict building was carefully re-built, restored and then converted into a café and two offices. Works included structural alterations and repairs to the building, brickwork restoration, full heritage internal refurbishment works and the provision of new mechanical and electrical installations throughout to conservation standards.

The scope of works also extended to transforming the surrounding areas by demolishing an adjacent dilapidated industrial unit to form a new car park including cycle storage, providing external lighting, CCTV and external landscaping.

Project Experience

Electrical and Civils



PROJECT: Installation of 5No 7kW advanced electric vehicle twin pedestal chargers
Irish Rail, Inchicore Works, Dublin 8

As part of Irish Rail's roll out for the installation of EV Chargers at train station car parks, train depot car parks and Irish Rail office nationwide, GRSL's in-house M&E team completed the installation, testing and commissioning of 5No 7kW advanced electric vehicle twin pedestal chargers at the Inchicore works depot in Dublin. Works included:

- Site surveys
- Electrical power consumption surveys
- EV Charger mini pillar installations
- Building switch gear inside mini pillars to suit EV charger installations
- Cable sizing to suit size of EV chargers
- Complete cable installation maintained up to national standards
- An annual maintenance service for all installations
- Civils including EV charger and mini pillar concrete bases and all necessary ducting

Telecoms Civils and Electrical



PROJECT: IAA VHF antenna mast
Irish Aviation Authority, Rosslare

GRSL successfully completed a fully managed design and construct tower project, including all building and site development works for the Irish Aviation Authority. Working in close collaboration with all internal and external stakeholders, GRSL's works included design co-ordination, supply and installation of an antenna mast together with all associated lightning protection.

The scope covered the installation of the base, a 40m Tower, associated cabling and antennas to support the telecoms operators of the Irish Coast Guard. Specific works included:

- Traffic and pedestrian management
- Temporary works design
- Identification and protection of existing services in the vicinity of the worksite
- Site compound set up
- Excavation for tower foundations
- Insertion of foundation stub assembly
- Pouring of foundations
- Installation of ducting and backfill
- Installation of new tower masts by means of suitable crane
- Excavation and pouring of REB foundation
- Installation of mesh fencing and gates
- Installation of compounds

Project Experience

Civil and Structural Engineering



PROJECT: Replacement and extension of a linkspan bridge
Rosslare Harbour, Irish Rail

GRSL successfully completed a complex replacement of the Berth 1 Linkspan upper deck transition ramp for Irish Rail. Although the works are contracted by Irish Rail, because the location was inside Rosslare Harbour, GRSL were working under the daily jurisdiction of Rosslare Europort. The works to the upper tier, which were conducted to a demanding berthing schedule, where the lower tier had to remain operational, to enable ferries to operate normally, with activities were planned around a live working International Ship and Port Facility (ISPS). Works specifically included:

- Prefabrication and delivery of a new ramp, torsion beam, fingers and handrails
- Removal of existing transitional ramp, torsion beam, hydraulic arms, and mid bearings
- Installation of the new ramp on site
- Commissioning and testing of the new transitional ramp

Telecoms, Civils and Electrical



PROJECT: GSMR Towers
Irish Rail, various location throughout Ireland

GRSL hold a four-year framework for the supply and installation of 30m telecoms towers and the build of TER rooms with associated civils, electrical, mechanical and telecoms works at various locations throughout Ireland for Irish Rail.

A fully managed service is provided to Irish Rail that covers all necessary design co-ordination, stakeholder liaison, traffic management planning, site and client reporting. Multiple tasks and trades are undertaken by GRSL's in-house team, these include:

- Excavation
- Piling
- Foundations
- Ducting
- Services
- Fencing and gates
- Surfacing
- Tarmac Works
- Line Marking
- Signage
- Lightning protection
- Cable running, installation and management
- Climb down and maintenance of towers

Project Experience

Multi Disciplinary - Civils, Structural and Electrical



PROJECT: New platform and footbridge
Limerick Junction Station, Dublin - Irish Rail

This fully managed and co-ordinated project included the provision of a new down platform and associated infrastructure including installation of a footbridge at Limerick Junction Station. The multi-disciplinary civil and structural engineering scope was added to further through the delivery of a full electrical installation covering lighting (including emergency lighting), CCTV, Fire Alarm, PA System, CIS, Distribution Boards and Data Points. The scope included full design co-ordination, site engineering, traffic management and stakeholder liaison and covered:

- Site clearance, earthworks, drainage, boundary treatment, minor civils and building
- Demolition, removal, relocation and modifications to existing structures
- Relocation of services and diversionary works
- Foundations including piling, ground engineering and geotechnical works
- Temporary works
- Precast concrete works
- Surface treatments
- Structural steel and secondary metalwork
- Structural alterations
- Superstructure and external finishes
- External Works including fencing and furniture, hard and soft landscaping

Multi-Disciplinary - Civils, Structural and Electrical



PROJECT: Construction of a new office and distribution centre
Greenogue, Co. Dublin

GRSL completed a significant project, constructing 20,000 square feet of office space including a distribution centre for a plant hire client.

Providing a fully project managed build, co-ordinating the design and an engineering team of construction, mechanical and electrical professionals to construct the new head office and hire distribution centre in one year. Further to this GRSL also delivered the construction of seven commercial, office and industrial units. The full scope covered:

- Site clearance and substructure works
- Drainage works and utilities diversions
- Superstructure works
- Full mechanical and electrical fit out
- Internal partitioning and doors
- Decoration
- Roads, pavements and line marking
- External works including hard and soft landscaping

Project Experience

Building and Electrical



PROJECT: Relocation of a workshop, storage and welfare facilities at Connolly Station
M3 Parkway Station, Dublin - Irish Rail

GRSL were commissioned to deliver a project to provide for the relocation of the Connolly West Signalling, Electrical & Telecoms (SE&T) department from their existing compound at Connolly Station.

The M3 Parkway Station was identified for the relocation and involved the remodelling of the existing station building at M3 Parkway into maintenance offices for the SE&T Signalling West Department.

Works also included the renovation of the existing building, removing the old rooflight of the station and installing a new roof covering. The scope also covered the installation and commissioning of a new electrical installation.

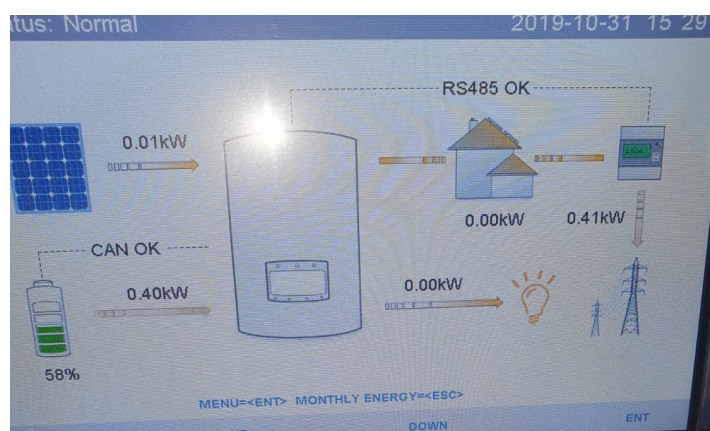
Photovoltaic and Electrical



PROJECT: Supply and Installation of Photovoltaic systems
Leinster and Munster

GRSL has successfully completed three sites in Counties Carlow, Meath and Clare, covering the installation of PV panels.

The separate programs included a 6kW agricultural installation and 4kW and 2.5kW solar installations. Works included the provision of Photovoltaic panels on rooftops and their associated electrical installations.



Project Experience

Civil and Structural Engineering



PROJECT: Repairs to a linkspan bridge
Rosslare Harbour, Irish Rail

Irish Rail, on behalf of Rosslare Harbour, awarded GRSL a contract to repair damage to the Berth 3 linkspan, which caters for the Stena Horizon and Europe ships. The existing damaged structural steel elements are being replaced in a like for like manner. GRSL were tasked with the fabrication of steel to an Execution level 3 (EXC3) for the linkspan with an estimated overall tonnage of 10tonnes.

GRSL provided a bespoke temporary working platform fixed to the underside of the linkspan structure for safe access to the front face of the linkspan, aided by the deployment of an MSO (Marine Survey Office) licensed safety boat with P4 certification and a competent trained skipper. The temporary platform was designed to be submerged into the sea when the contract works were not taking place so that the linkspan could remain operational for ships to use.

Works have been carefully managed and sequenced to allow ferries to operate normally while the remedial works are being carried out.

Sustainable Contracting Principles

Using the best mix of technology and tradition, GRSL Limited empowers its workforce to deliver to our clients the best possible standards of workmanship within the Irish infrastructure and utilities industries at a competitive price.



OUR VISION

To be a leader in owning and operating a diversified infrastructure business that benefits the communities we serve, the people we employ and our investors.



OUR MISSION

To provide investors with an attractive total return from responsibly managed long-term investments in core infrastructure markets in the countries of trade.



OUR VALUES

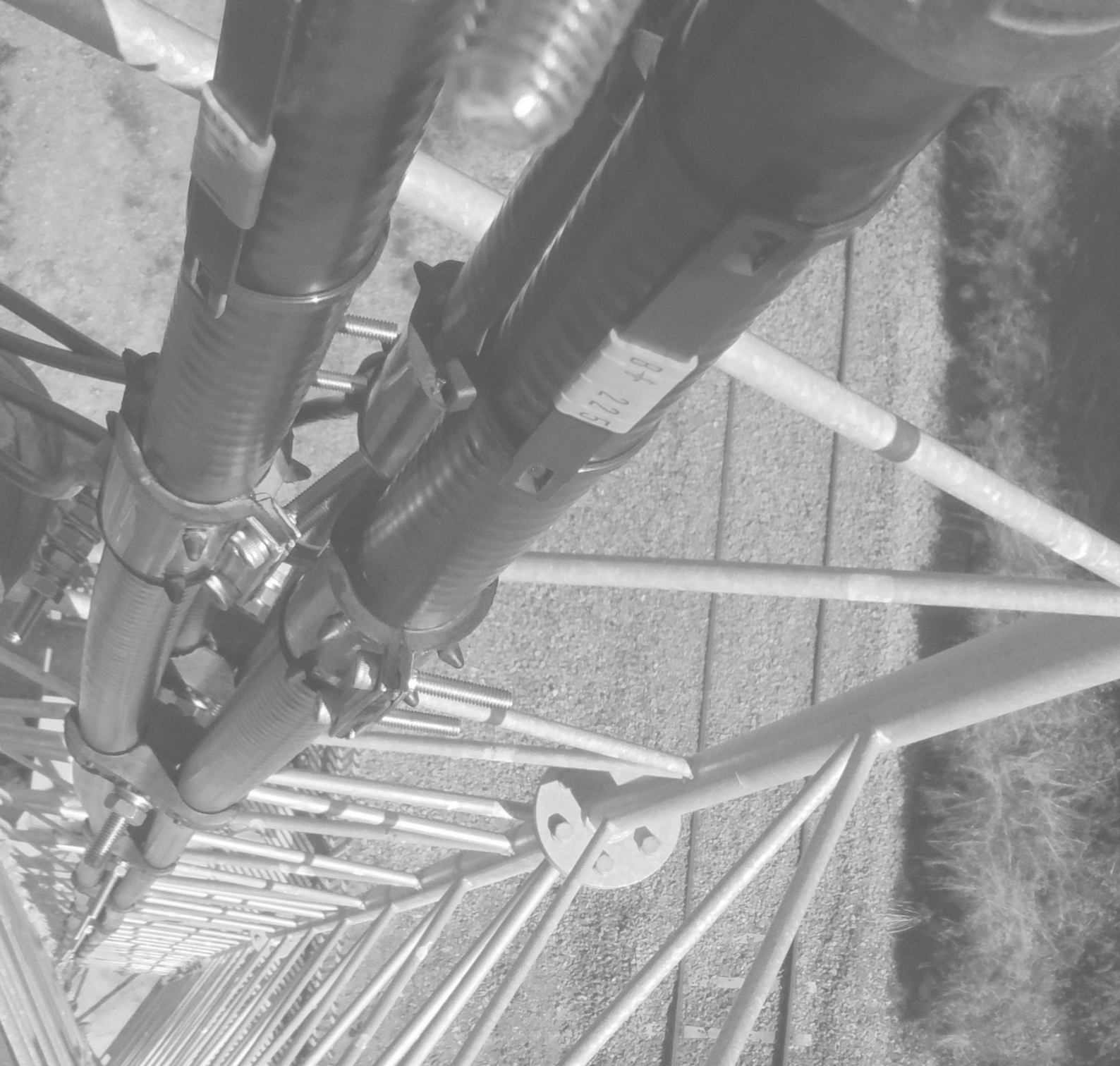
We have five core values that express our shared understanding of what we believe, how we aim to behave and what we aspire to be as an organisation: passionate, people, professional, teamwork and responsible



WHY GRSL?

We will use our resources and human talent to their best advantage by innovating, educating, and using the latest technology. This care for people and the natural environment is reflective of our daily approach. We set ourselves the highest standards in relation to sustainable business practices, safety, and quality of our delivery. We will not compromise.





Global
Rail
Services

GRSL Limited

To discuss your project requirements contact:

Unit 516a Grants Rise, Greenogue Business Park,
Rathcoole, Co Dublin, D24 FH56
Ireland

t: +353 (0) 1 458 8540

e: info@globalrailservices.com