



Global
Infrastructure
Group

Issue 34 2023

GLOBAL NEWS



In This Edition.....

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- * **New Starters**
- * **Celebrations**
- * **A Day In The Life...**



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Foreword

Welcome to the 1st edition of Global News Magazine in 2023.

The first of a new and exciting year ahead for all our divisions, around the globe. Amazingly it seems that New Years day has only just past and yet already we are approaching Easter.

As always, this fantastic medium provides an interesting and informative overview of all the challenging projects that we are undertaking as well as highlighting the great work and commitment from all our staff. I hope that you will enjoy reading this latest edition, which continues to provide a unique way to bring together the events and successes that we share as an organisation right across the globe.

Along with this newsletter, the coverage on social media forums provides a great insight into the achievements and successes of all our business divisions.

The growth in the diversity and range and complexity of projects and services that we deliver is something that is clearly apparent across all mediums. Being able to provide multidisciplined delivery teams is a massive USP for the business. As some of the projects highlighted within this edition demonstrate, they are a great advert for how we have diversified and brought new skillsets into our delivery model. Developing cross transferable skills within our teams is an area we are placing a great deal of emphasis on and are working hard to achieve. Challenging the norm with a focus on continual improvement in how we deliver our projects, both successfully and safely.

In the U.K our Signalling installation and Electrical teams have grown substantially in the past couple of years. Built upon and supplemented by our core business services and along with our internal design capability enables us to provide a turnkey delivery model. Our model of developing core teams based upon internal personnel has been fundamental to our success over the past year and is key to building long term collaborative relationships with clients, leading to repeat business opportunities. Our tendering pipeline continues to be extremely busy which vindicates our strategic approach.

Included within this edition of our newsletter is recognition for two members of our team in the U.K who have undergone our internal training and development programme. A fantastic achievement and an initiative that is essential to ongoing business improvement. Investing in our key business attribute, our people, through bespoke and focused training which provides Qualifications and tangible mentoring to develop their skills. People development is fundamental for any successful organisation to grow and prosper and I am proud that this scheme has been initiated and I look forward to seeing many other people undertaking the same journey.

As a business we need to identify and nurture our people who aspire personnel development and career progression and the regular long service awards that are highlighted within our newsletters demonstrates empirical evidence of why this business is a great place to work.

Outside of work activities, it is amazing to read the details of the many charitable activities that our people support and engage in, especially in the difficult and challenging times that we are currently experiencing. Supporting many worthwhile organisations, some of which are close to home, such as Herts Young Homeless here in Hatfield, is something that we should all be proud of. On behalf of all the senior leadership team I would like to pass on the sincere thanks to everyone who works so hard to make us the organisation we are.



In closing, I would reiterate our overriding message above all others, that being “*Arrive Healthy, Leave safely*”. Please ensure we continue to challenge any unsafe behaviours or situations and always strive to look after our colleagues.

I hope you enjoy reading this edition of Global news and wishing everyone health and happiness in 2023.

Thank you all for helping to make a difference through what you do every day.

Kind Regards



Sean Donaghey
Operations Director



Passionate

Committed in heart and mind to whole-heartedly embrace our core values and culture, without exception.



People

Growing our organisation from within, promoting and empowering our people, inspiring them to be the best they can be.



Professional

At all times we act with integrity, providing quality service, reliably and responsibly.



Teamwork

Working collaboratively whilst supporting and respecting each other's views.



Responsible

To consistently deliver quality, on time, safely and to budget whilst protecting our communities and the environment.





Global Rail Construction Limited is delivering a programme of GRIP 6-8 railway civil engineering works on the Cambridge Area Re-Signalling project for Principal Contractor Alstom on behalf of Network Rail. Here are some before and after images following successful construction of another SMIO base and associated FSP's at Coldham Lane.

Great Work Team!





Global Rail Construction (GRCL) Designers successfully completed the first of many weekends on their Arundel, Littlehampton and Ford Resignalling design contract for client Alstom. Collaboration has been key to Global Rail Construction Limited's progress, with Senior Design Manager, Richard Horsted, Senior Construction Manager/CRE, Mark Parker and the Design/Survey team managing to arrange works at short notice and deliver 16No topographical surveys for the proposed signal structures, 4No existing structure assessments, surveying and proving works at Littlehampton Station platform and 4No borehole ground investigations - all during a very wet 10-hour shift.

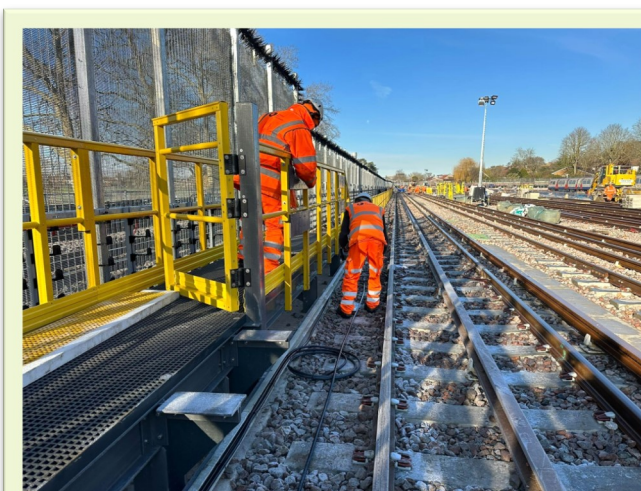




Our Global Rail Construction project delivery team on the Cambridge Resignalling Civils Project has successfully completed an Under Track Crossing (UTX) in Cambridge South for J Murphy and Sons. This work forms part of a GRIP 6-8 contract for railway civil engineering on behalf of Network Rail.



Global Rail Construction Limited, has recently commenced installation of their second phase of the new driver walkway and driver access platform lighting at South Harrow Sidings. The project is being carried out on behalf of TfL's Track Delivery Unit (TDU) as part of the Piccadilly Line Upgrade Programme. Working collaboratively with TDU, sequencing the works with the other disciplines in order to achieve maximum programme efficiency has been, and continues to be, key to the success of the project.



THANK YOU TEAMS



Global Rail Construction Ltd (GRCL), acting as Principal Contractor on behalf of West Midlands Trains, have recently completed the installation of a new demountable building at Soho Depot in Birmingham. The scope of the work included strip out and deconstruction of an existing building, managing a depot OLE isolation during operational hours and providing a safe system of work, coordination of specialist contractors, M&E installation. All works were completed safely to programme and provide the depot with additional operational capacity as part of the new depot upgrade scheme.



The **GRCL** team is contracted by Atkins on the Feltham to Wokingham Resignalling Project, for civil engineering, electrification and plant (E&P) and signalling installation works covering Phases 3, 4 and 5.

Recently, the site team successfully completed a 52-hour possession delivering materials and installing the following works to meet the desired programme:

- * Speed sign foundations and associated signage erection
- * 650v power cable installation and jointing with termination to 3No FSPS
- * 9No signal head installations, Frauscher Axel Counter, TPWS & AWS

A great effort from all concerned with no incidents or accidents and works firmly on track.





Jim Cuell (L) (Commercial Director) presenting Iosif Vadas with his NVQ 4 certificate



Jim Cuell (L) (Commercial Director) presenting Robert Doboos with his NVQ 4 certificate

CONGRATULATIONS to Iosif Vadas (GRCL Supervisor) and Robert Doboos (GRCL Supervisor) who successfully achieved their NOCN_Cskills Awards Level 4 NVQ Diploma in construction Site Supervision (construction) - Building and Civil Engineering. The NOCN_Cskills Awards Level 4 NVQ Diploma in Construction Site Supervision (Construction) -Building and Civil Engineering qualification/pathway has been developed for achievement in a real workplace environment. This qualification/pathway enables the individual, to recognise their skills, knowledge and understanding as well as demonstrating their competence in the workplace when carrying out the role of a Site Supervisor.

This course is for Supervisors who have a responsibility for working with teams to achieve successful project delivery, and will allow them to demonstrate competence in construction site supervision at the required level.

To give you an understanding of this course, topics include:

- * Planning the work of your team
- * Managing work
- * Managing people
- * Managing resources
- * Legalities and standards

The individual gets assessed against a set of performance and knowledge statements which have been derived from National Occupational Standards for your occupational area.

(Recommended Qualification Structure for Construction Site Supervision Level 4).

The individual also gets assessed by an occupationally competent and qualified assessor whose job is to work with the individual and help complete the qualification.

The individual is required to produce a Portfolio of Evidence showing how they have met the performance and knowledge criteria for each unit required within the qualification/pathway, as directed by the individual's assessor.

In order to achieve/pass this qualification/pathway individual's must successfully complete/achieve all fourteen (14) Mandatory units and One (1) Optional unit.





Network Rail have issued clarification on PTS Logbook Entries (*see below*).

PTS logbooks must be signed off by a COSS that the individual has worked with;

Line Manager signature is only to be accepted as an additional counter signature.

PTS Logbook = COSS signature only

OR

COSS signature + Line Manager counter signature

OR

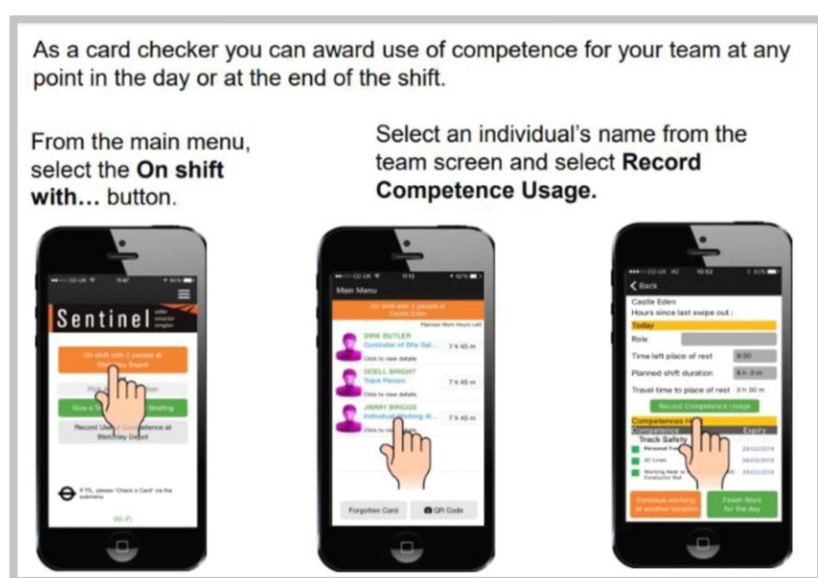
Entries recorded in electronic logbook on Sentinel.

We highly suggest that when going out onsite, you ensure the COSS records your PTS competency via the Sentinel app. If entries are recorded in the electronic logbook via Sentinel, this will avoid any issues.

Network Rail has confirmed the following:

- * NR/L2/CTM/021 states that workplace experience shall be recorded, and each successful learner is provided with a PTS workplace experience logbook.
- * The signature must be a COSS that the individual has worked under on a specific date, location, and under a specific form of protection.
- * Section 2 of the logbook states that counter signature can be the Line Manager or mentor i.e., an additional signature. We will expect to see evidence of this.
- * Where paper logbooks are presented, Assured Providers should check that the logbook signatory for each date is a COSS.
- * If the individual has PTS recorded in their electronic logbook in Sentinel, then the person that recorded it is a COSS because the use of competence cannot be recorded before being swiped in by a card checker and therefore this negates the need for countersignature by Line Manager or mentor.
- * If the PTS holder cannot get sufficient workplace experience signed by, or added to the Sentinel Electronic Logbook, by the COSS then they are not eligible for recertification training and have to repeat the initial training.

*** THERE ARE NO CONCESSIONS TO THE ABOVE ***

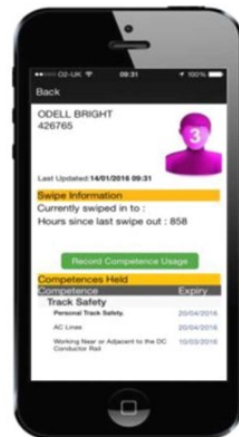


Select the competence which has been used by sliding the button to the right. When recording use of competence a note may be added if necessary, however, this is not mandatory.



Select the **Record** button.

Then you are taken back to the person screen.



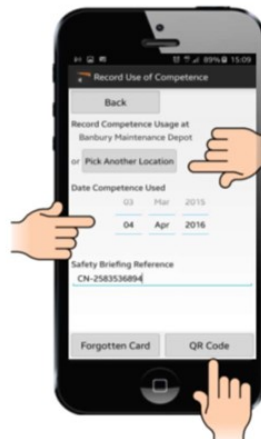
If you are not on shift but you want to award someone Use of Competence you would first swipe in and then from the main menu you would select **Record Use of Competence**.



Choose the location where the competence was used and the date it was used. Add a Safety Briefing reference if it is relevant.

If you put in a Safety Brief reference you will not be able to record PTS as this will have been recorded automatically at the time the shift took place.

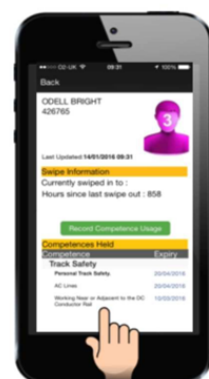
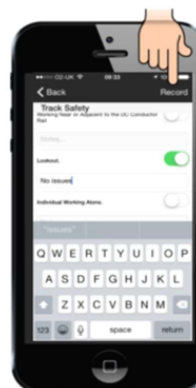
Select the **QR code** button and scan the card.



Select the **Record Competence Usage** button.

Select the competence to be recorded and add a note if required and then press **Record**.

The dates are not shown in the app but are uploaded to the Sentinel database.





Leading the Way in Rail Construction

The GRCL and innDex Partnership

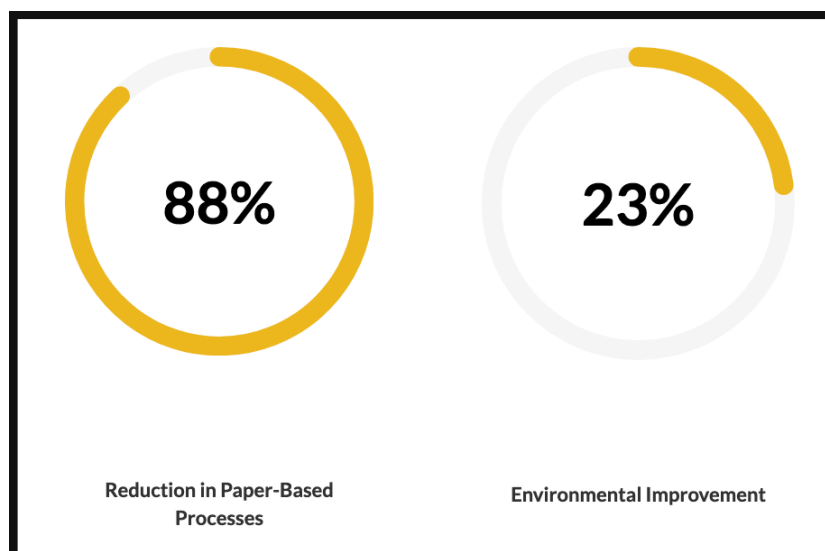


Back in 2019, **Global Rail Construction Limited** embarked on their digital transformation journey with innDex, going company-wide in early 2020 where they implemented the system across all new projects. Fast forward to today, we have maintained a solid relationship with innDex

“Effectively there’s no legacy projects now that do not use innDex, all our projects are innDex based” said Kevin Wilson, Senior Contracts Manager.

With GRCL being early adopters of the innDex system, its use has now become an integral part of our business process. Holding regular sessions with the team helps concretising their priorities, always iterating and improving.

Marco Lombardelli [ML], Managing Director said: ***“To be honest, we consider it our system, because it’s now tailor made for our business.”***





By centralising all information in one platform, the software has also contributed to streamlining communication and documentation. With all timesheets, Work Package Plans (WPPs), Task Briefings, Toolbox Talks, safety documents (and more) being handled through innDex and readily available on any device, anytime, anywhere, GRCL have cut paper-based processes by 88% and are heading towards becoming a fully paperless business, with environmental efficiencies improved upwards of 23%.

From an admin point of view, moving away from paper and even electronic timesheets has significantly simplified administration, cutting down the lead time from 3-4 days to a few minutes, shortening processing periods by over 87%, also easing the burden of chasing our team for missing information, with registers being available to download through the platform after every briefing or site communication.

As part of the large number of frameworks GRCL are involved with, the site teams carry out a lot of their core critical works throughout the weekends and overnight. Having lots of individuals in our supply chain that only operate on a weekend basis, inductions also play a very important role in ensuring everyone on a project is fully inducted and informed before they even step foot on site (this is also a legal requirement) with innDex the whole operative onboarding process has become 60% quicker and easier to implement, giving the project teams a lot more assurance and peace of mind with regards to their teams' safety.

With all information accessible through innDex, the Management Teams can monitor site activities remotely in real-time. ***"I [ML] can access any information, just by tapping into my keyboard or app. Whereas before I'd have to rely on a phone call or and I'd have to wait for a report to be generated to be back in the office. It normally would be a Tuesday or Wednesday sometimes before you see it. So it is a lot more instant and a lot more accessible. The compatible technology is a real step forward as they [our clients] can access our essential information in real-time as well"***

Chris Hick, Civil's Site Manager said ***"It's the difference between day and night in comparison to the way it was before."***

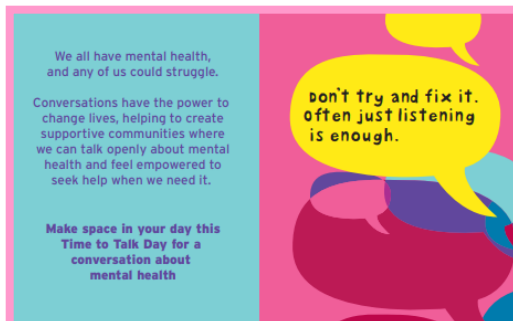
All the above has also resulted in increased transparency and easier communication between GRCL and a lot of our clients, such as Atkins, who are also innDex users, although their focus is more centered around time and fatigue management, filling the Principal Contractor role.

Overall, innDex has been and continues to be a valuable asset to GRCL's business processes, significantly increasing productivity and streamlining communication and documentation.

The company is now heading towards a paperless environment and continues to work closely with innDex to improve and innovate its processes.

Mission & Vision

**Using the best mix of technology and tradition,
The Global Infrastructure Group empowers its workforce to deliver to
our clients the best possible standards of workmanship within the rail
industry at a competitive price.**



The **Global Infrastructure Group** of companies always take time for mental health and wellbeing. Time to listen and making space during our busy days to have conversations about mental health.

Time to Talk Day is run by **Mind** and **Rethink** Mental Illness in England, in partnership with Co-op. The campaign runs UK wide and is about creating supportive communities by having conversations with family, friends, or colleagues about mental health.



The aim is to support communities up and down the country to have more mental health conversations than ever before.

We know that conversations about mental health have the power to change lives and recent research shows how important open conversations in communities are to support everyone's mental wellbeing.

Talking about mental health reduces stigma helping to create supportive communities where we can talk openly about mental health and feel empowered to seek help when we need it.

Time to Talk Day was launched in 2014 by Time to Change, a campaign to end mental health stigma and discrimination, which was run by **Mind** and **Rethink** Mental Illness.

Why talking is important

One in 4 of us will experience a mental health problem in any given year. We want everyone to feel comfortable talking about mental health – whenever they like. Talking about mental health reduces stigma, helping to create supportive communities where we can talk openly about mental health and feel empowered to seek help when we need it.

That's why opening up the conversation about mental health problems is so important – by talking about it we can support ourselves and others.



If someone does open up about their mental health, we know it might not always feel easy to know what to say. But it doesn't have to be awkward, and being there for someone can make a big difference.

However you do it, have a conversation about mental health.

Sometimes this can mean that people currently experiencing mental health problems will need some support, as sensitive conversations may bring up difficult things.

There are lots of places to which you can go or direct people for help.



Mind – <https://www.mind.org.uk/>



Rethink – <https://www.rethink.org/>



A DAY IN THE LIFE OF

In this issue, we meet Kieron Lickfold, Assistant Quantity Surveyor for Global Rail Construction Ltd

Where are you originally from?

I was born in Hemel Hempstead and grew up in St Albans, Hertfordshire.

When you were a child, what did you want to be when you grew up?

When I was a child I went through several different phases of wanting to be a Lawyer to joining the Army and to running my own business. All passions of mine until I stumbled across the Construction Industry and found the perfect job in Quantity Surveying.

Describe the work that you do?

My day-to-day work is supporting the Project Quantity Surveyor with the running of the projects which includes, subcontract payment, subcontract orders, variations and early warning notices.

How did you get into your line of work?

After completing my GCSE's I went to Oaklands College to study joinery/carpentry. I then found the construction management aspect to construction and fell in love with Quantity Surveying. From there I went to West Herts College for two years and completed my Level 3 Extended Diploma in Project and Commercial Management.

What is your favourite part of your job?

My favourite part of my job is the team I work with as they are all so supportive, kind and caring and we all work with great efficiency.

How do you spend your free time?

As I am at University on a part time basis, most of my free time is spent studying and doing assignment work. However, I also spend time seeing friends, going to the gym and spending time with my family.

What is your favourite sport?

Boxing is my favourite sport. I have always loved the sport and was a professional boxer for 2 years, and ever since, I have not stopped watching boxing and still love the sport.

What are you most proud of?

How far I have come from leaving school and my determination to work hard as for years this has been the job I have always wanted and worked so hard to get.

Where would you like to travel and why?

I would love to travel all over the world however my favourite place to go would be Dubai as it has amazing views and places to see.





Welcome

Global Rail Australia Welcomes Brenton Judge To Head Up Electrical Division

We are delighted to announce the appointment of Brenton Judge as Electrical Manager to head up **Global Rail Australia Pty** Limited's Electrical Division and take responsibility for its development and projects.

Brenton is a dynamic and skilled electrical professional with a proven track record of high-quality delivery, acquired through a decade of managing construction, electrical, audio and telecommunications projects.

Electrical services deployed by **Global Rail**

Australia include design, project management and delivery for a wide range of clients in the rail, utilities and energy sectors.

These specialist services are constantly upgraded through training and development by the company at its HQ in Melbourne and are consistently delivered safely and to the highest specification.



Global Rail Australia undertake a full turnkey service on a wide range of projects including:

- Commercial and industrial installations
- Private domestic installations
- Bespoke installations
- Site enabling field works
- Fibre splicing and copper jointing
- Clean earth systems
- Electrical maintenance
- OCS Rail Systems
- Lighting control systems
- Building management and control

The Global Infrastructure Group of companies, which have been established since 2001, incorporates – **Global Rail Construction Ltd, Global Rail Services Ltd, Global Rail Australia Pty Ltd and GRA Networks** a subsidiary operating in both Ireland and Australia.

“Our USP is without doubt our people and our long-term strategy will ensure we continue to invest in and develop our people to enable us to deliver our customers expectations, in an efficient and consistent manner”.

Global Rail Australia (GRA) has started construction of a twin canopy at Ruthven Station as part of MTMs Better Stations Amenity Upgrade Project.

We have installed 20 x screw piles and erected a 12m long twin canopy on the station platform and finished all roofing and plumbing works associated with this canopy. Works were performed in a combination of day and night shifts including a weekend occupation period.

This project has been a challenge due to the tight working corridor, and the station being busy during the day.

Global Rail Australia has delivered this project successfully by investing their time and expertise and progressing on time with no safety concerns.





As part of MTM – Metro Tunnel Project, temporary power has to be supplied for about 6-8 months for EMI field testing near Sandown Park Station.

Global Rail Australia (GRA) has started earthworks to facilitate installation of EMI Skid Shelter for this project, which includes, supply and installation of a crushed rock pad and construction of 2 x concrete blocks on site. In addition to this, we are constructing a 100m long trench route for power supply to the test site. All works are completed in a live operational environment.

Global Rail Australia staging program and procurement plan was key to the success of the project. No reports or incidents were raised by the public or client.





In November 2022 the **Global Rail Australia (GRA)** team carried out a Level Crossing Upgrade as part of their contracted work with Tasrail. The scope of work was to replace the track formation, ballast, sleepers and rail. The GRA inhouse civil team also completed a 600 x 900 box culvert and headwalls near the level crossing.

With solid planning from both divisions and working collaboratively we achieved all scope ahead of time. All track was tamped with Tasrails production tamper allowing time for our subcontractor to carry out asphaltting works to the level crossing.

Part of Project Scope:

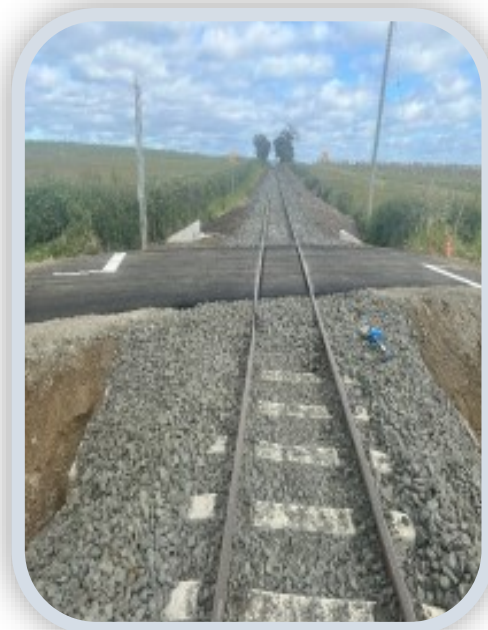
- * Removal of 75lb rail removal with new rail and associated resleepering works.
- * Removal of fouled ballast (mudholes) rail sections and associated re-railing and resleepering works.

Before Christmas a box culvert was installed and the level crossing formation and track upgraded.

After tamping was finalised, we removed all speed restrictions from our work locations.

All works were completed in a live operational environment.

Global Rail Australia staging program and procurement plan was key to the success of the project award.





Global Rail Australia (GRA) have been contracted on behalf of Ericsson, to upgrade the existing 3G/4G network and install the new 5G technology for both Optus and Vodafone (eJV). The suburb where we have recently upgraded a site was in Hawthorn, on top of Swinburn University. It was a very challenging site, as GRA telco team had to work around the university building at some of its busiest times.

GRA supplied all aspects of upgrade works from Riggers, Technicians, Electricians, Crane Operators and Roof Plumbers. Liaising with Property Managers, Facility Managers, the University Management Team and Security to plan and coordinate these upgrade works, was a very important part of delivering these works.

Delivering materials, working at heights, removing and installing new steelwork, approval from the University authority to deliver all equipment/materials, and electrical upgrades, were some of the important scopes of work to complete. Also, approval for night work to install the drop net. This was very demanding and a necessity to run as smoothly as possible, without interrupting University faculty and students.

The works involved:

- * Delivering all steelwork, materials, and equipment, required planning during AH access to complete the delivery, by accessing the elevator then out the fire stairwell to the rooftop location.
- * An electrical upgrade was required to install the new 80A 3P TYPE C MCB to Vodafone Meter.
- * Network outages, fully decommissioning existing technologies and equipment internally and externally. Upgrading all equipment internally and externally, with new steelwork, antennas, RRUs (Remote Radio Units) and internal BBU (Base Band Units), and ALL DC equipment.
- * Commissioning and integrating the new technology into the Network, via support from the RIC (Remote Integration Centre).
- * Providing all OHS/HSE standards, and submission of post-completion documentation on the Client submission portal (site handler).

Scope as follows:

- * Remove existing antennas and steelwork from the rooftop location.
- * Install new steelwork and new plinths into the rooftop slab.
- * Install new antennas for 3G/4G and 5G networks to the newly installed steelwork.
- * Install new Optus and VHA ancillary equipment and Hybrid Trunk cables.
- * Integrate upgraded 3G/4G technology and new 5G into the Vodafone/Optus Network.

These works were performed under an SLO (Single Long Outage), meaning the duration of the time both Vodafone and Optus were off air, whilst upgrading the site.

All activities were coordinated with Ericsson, Swinburn university, Security, and Council.

All works were delivered by GRA at a high level of professionalism and safety with no reported safety concerns.



Global
Rail
Australia



Front View



Side View



Antennas On Rooftop



Overall View

Global Rail Australia

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Global Rail Australia has proven experience in delivery of the most exacting projects across a diverse range of service sectors.

Our in-house capabilities, our scale and our supply chain partnerships have allowed Global Rail Australia to deliver complex multi-disciplinary projects that make a positive difference to our clients across the Australian infrastructure industry that we serve.

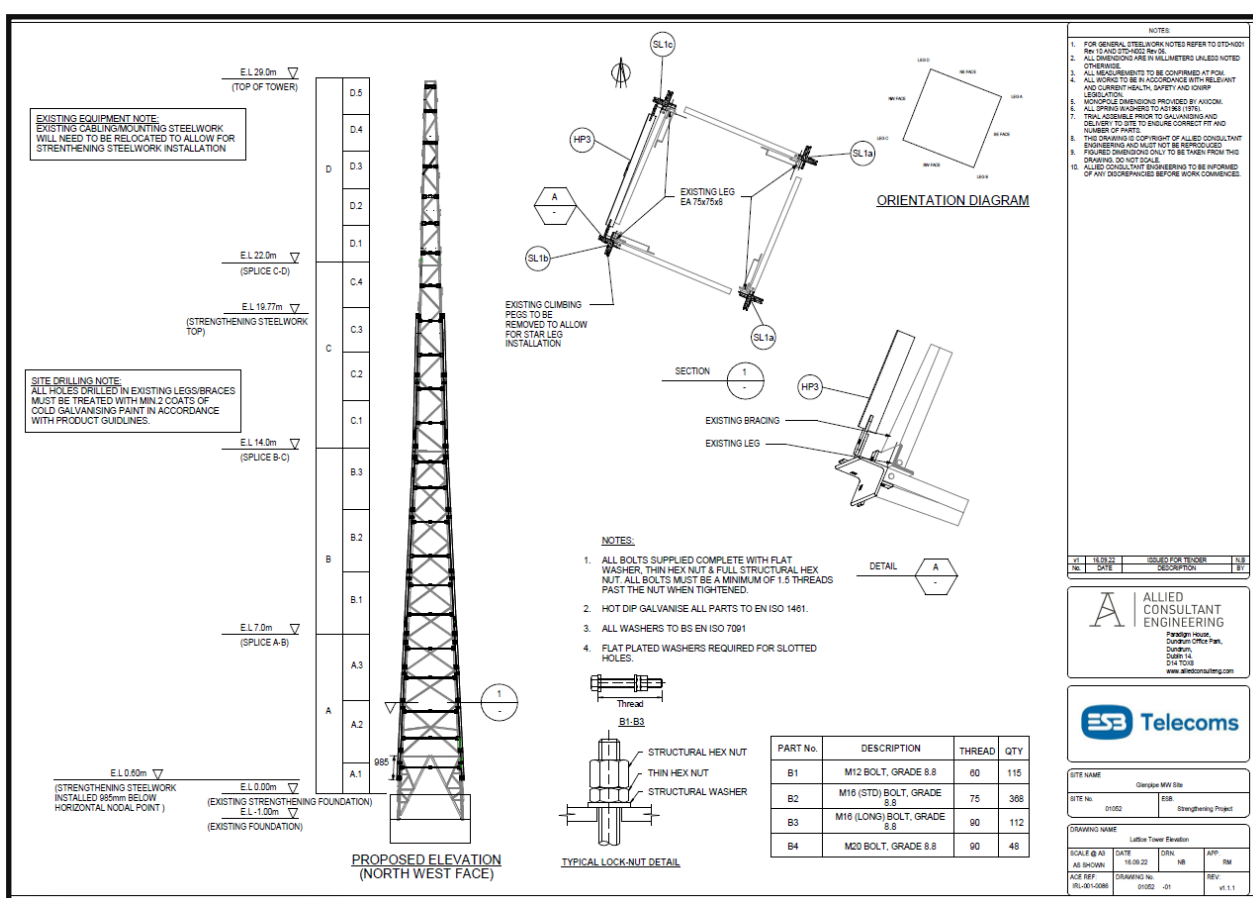


ESBT TOWER STRUCTURAL ENHANCEMENT & TOWER EXTENSIONS

In recent months ESB Telecoms have awarded to **GRA Networks**, several tower structural enhancement and tower extension projects across their network. ESB Abbeylands, ESB Ballinasloe, ESB Glenpipe, ESB Mountrath and ESB Macroon are good examples of what GRA are currently doing for ESB Telecom in Ireland.

The detail provided below are samples of the project undertaken by us in Q3 2022 and Q1 2023.

ESB Abbeylands, Ballinasloe & Glenpipe – Tower Structural Enhancement Projects



The structural enhancement deployed in Abbeylands, Ballinasloe and Glenpipe are heavy angular sections bolted outside the existing tower legs from ground level up to 20mts secured with singular cleats and bolts.

The installation also included 20 plus horizontal poles to facilitate the installation of a new Metreel Ladder System on the structure.



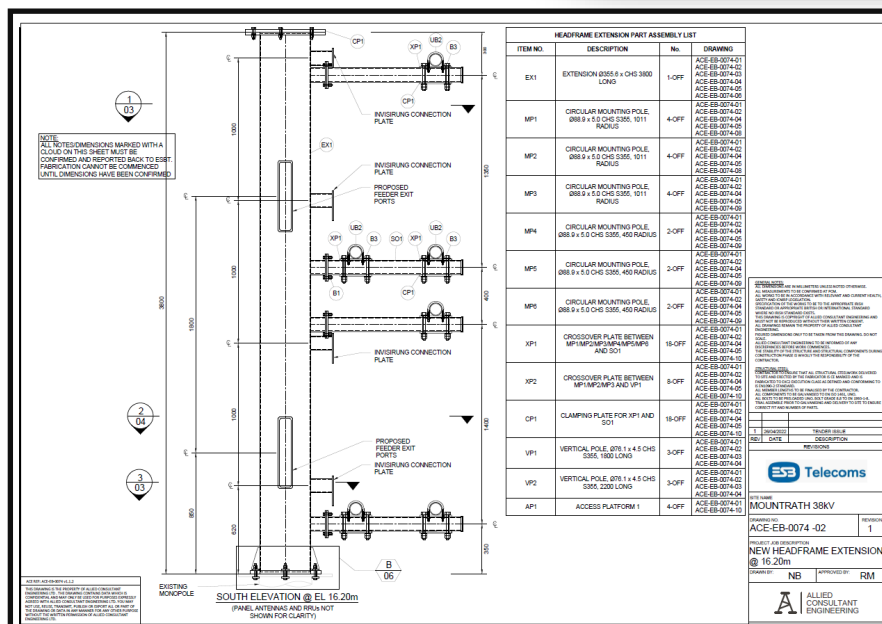
ESB Mountrath – Tower Extension Project

This project consisted of a 4mts extension to the top the existing structure. The existing operator's equipment had to be decommissioned off the structure and reinstalled once the new headframe was installed. GRA managed the outages to facilitate this work and recommission the existing services.

We also installed a new Metreel Ladder system on the structure



Detailed design of the new headframe

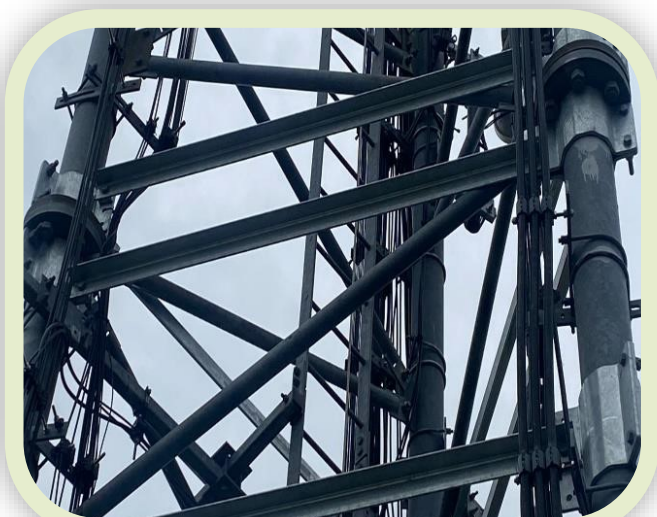
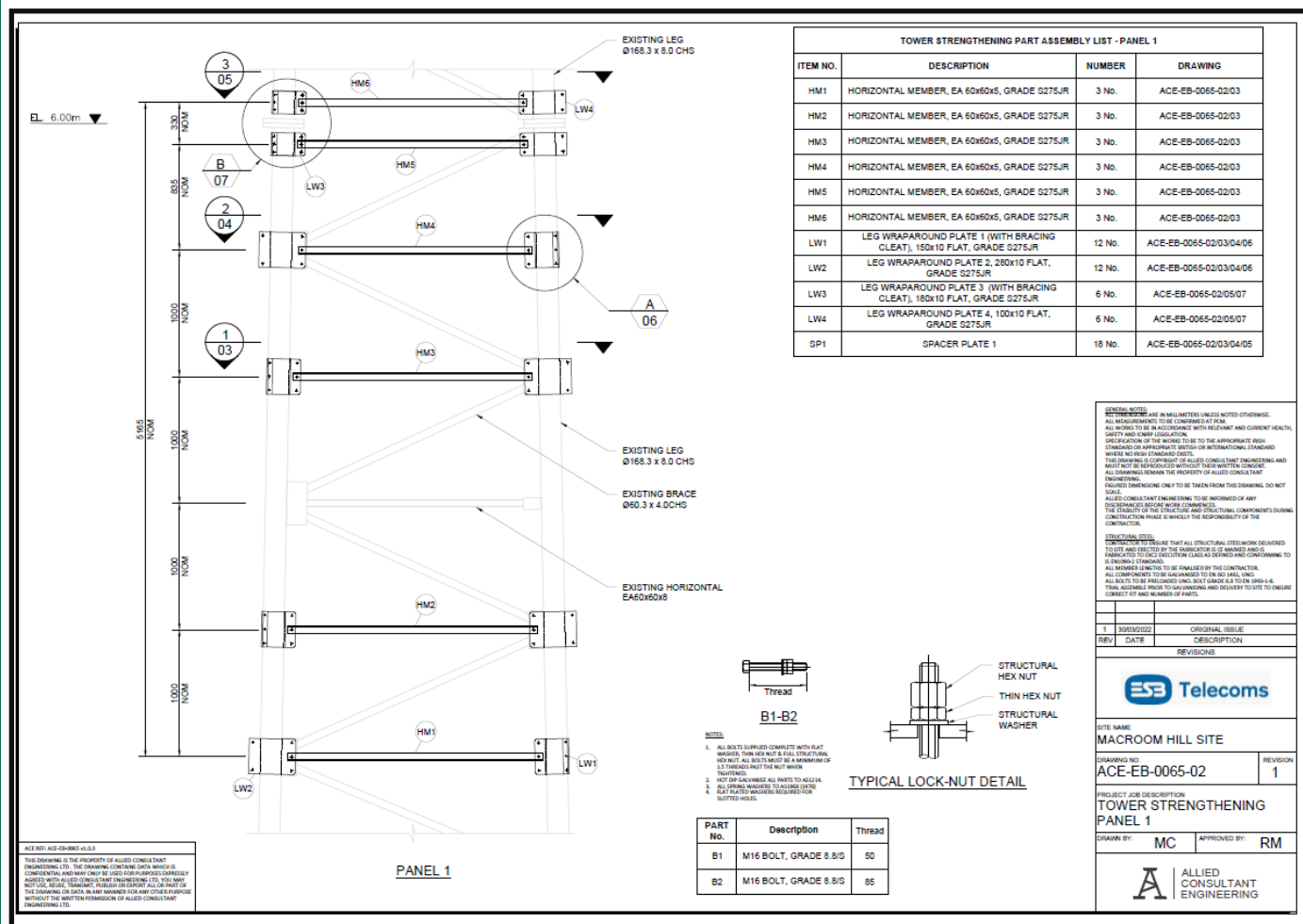


GRA Networks Ireland
 offer infrastructure contracting services on a design and construct basis in the transport, telecommunications, utility and energy sectors, providing cost-effective solutions to complex problems





The purpose of this design is to stabilise the lower section of the tower and reduce stresses in each leg.



In 2020, the Irish government allocated funds in its budget to support the growth of electric vehicles (EV). As a result, Irish Rail has taken action to improve the charging infrastructure for these vehicles by selecting **Global Rail Services** to design and install a total of five fast-charging stations at key locations throughout the country.

Each station will be equipped with a 150 kW rapid charge point and all necessary site infrastructure to provide a seamless charging experience for EV drivers helping to reduce carbon emissions and improve air quality.

The five locations include Sallins/Naas Station, Tralee Station, Dundalk Station, Westport Station and Clontarf Road Station.

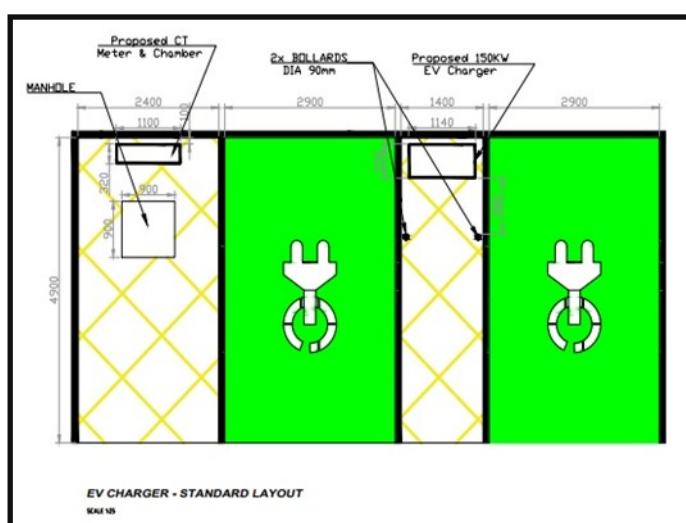


Figure 1 - Schematic of EV Charger Site Layout

This investment in EV charging infrastructure is an important step towards making Ireland's fleet greener and more sustainable.

The design and installation of these fast-charging stations will involve the detailed design of duct routes and chambers in roadways, pathways and car parks. Electrical works, including the provision and installation of electrical charging units and ESB units, will also be necessary.

The works for each station include:

- * 150kW DC rapid charge point
- * Electrical supply equipment
- * Ground works and trenching of roadway
- * Sign post & safety bollards
- * Car space painting

The individual charge points will include a dual outlet with the charging output shared between one CHAdeMO and one CCS connector, with the option to upgrade to CCS in the future if requirements change. These charging points will also have the ability to load share across the two sockets.

Global Rail Services is committed to supporting the transition to clean energy and reducing the country's carbon footprint. The installation of these rapid charge points is just the beginning of a larger effort to make Ireland's public transportation system more environmentally friendly.

Cable installation and line marking are planned for both Sallins and Dundalk imminently. The project is on track to be completed by the end of March. This is great news for EV drivers who will soon have access to fast-charging stations at key locations throughout the country.

In conclusion, the government's provision for new EV fast-charging stations and Irish Rail's partnership with Global Rail Services is a positive step towards a cleaner, greener future for Ireland.



Figure 2 - EV Charger Installed in Sallins



We are pleased to announce that **Global Rail Services (GRS)** has made significant progress in the construction of footbridges at both Gormanston and Dalkey stations. These developments are a testament to our commitment to providing the highest standard of infrastructure and services for our customers.

We are very proud to announce that the footbridge at Gormanston Station is now complete and ready to be opened to the public. Passengers will now be able to access the platform with greater ease and safety, thanks to the new bridge.



Gormanston Bridge



Construction at Dalkey Station is progressing well and we are confident that the footbridge will be completed imminently. This exciting development will bring the same improved accessibility and safety benefits to Dalkey Station that Gormanston now enjoys.

We are thrilled to announce the process of waterproofing the stairs and bridge deck is complete, and the M&E fit out, lighting, and CCTV systems have all been installed and commissioned to the highest standards.

The new bridge is close to being fully functional and equipped with the latest technology to ensure the safety and security of passengers.

The granite hallmark cladding has been completed and looks amazing. The cladding provides a durable and attractive finish to the bridge, adding to its overall aesthetic appeal.



Dalkey Bridge



The landscaping work at both stations is also underway and is expected to be completed imminently. The area will be filled with trees and flowers, which will grow and flourish over time, making the surrounding area even more attractive and appealing.

Paul Connell, GRS Project Manager said “We would like to take this opportunity to extend our gratitude to our dedicated staff who have shown tremendous commitment throughout the duration of this project.

Their tireless efforts & professionalism have been instrumental in the successful completion of the footbridge works at Gormanston and the continued progress at Dalkey.”

We are confident that these footbridge developments will be greatly appreciated by passengers.

We are thrilled to share with you an update on the Cobh & Midleton CIS Upgrade works.

The objective of this project is to upgrade CIS systems at 8 stations on the Cobh & Midleton Line.

A Customer Information System (CIS) is a system that provides real-time information to customers about the status of their transportation services. This information can include the arrival and departure times of trains, the location of a specific train, and any service disruptions. The primary purpose of a CIS is to improve the overall experience of customers using transportation services by providing accurate and up-to-date information.

Currently 5 out of 8 stations have now been commissioned, with the installation of all CIS poles completed.

Our team has been working hard to bring these improvements to our passengers, and the results are evident in the seamless operation of the upgraded CIS systems at these stations.

All Telecommunications Equipment Room (TER) bases have been successfully installed and we are making steady progress towards the completion of the project.

In addition to the installation of the TER foundations and units, some additional ducting routes were also added in Glounthaune and Fota.

As we move forward, the first fix is set to begin in the remaining three stations of Carrigtwohill, Cobh & Midleton. Some cable re-fixing was also required in Little Island, but this was overcome due to the great team effort put forth by our staff.

Despite some initial issues with the CCTV drawings, our dedicated team was able to overcome these challenges and keep the project on track.

We look forward to providing you with further updates on the CIS Upgrade project.



**Thank You Team
For The Excellent Workmanship**

Global Rail Services has proven experience in delivering some of the most exciting projects across a diverse range of service sectors.

Our in-house capabilities, our scale and our supply chain partnerships have allowed Global Rail Services to deliver complex multi-disciplinary projects that make a positive difference to our clients, across the Irish infrastructure industry that we serve.

Supporting Vulnerable People in Hertfordshire

Maureen Bridger, **hyh** Corporate Partnerships Officer, came to the GRCL office to personally thank GRCL for all **YOUR** kind donations and to advise us of their upcoming events for 2023 - see below.

The main focus of **hyh** is on preventing homelessness - from education in schools and family mediation through to supporting 16-24 year olds in their first homes or caring for adults of all ages who have mental health issues and housing needs.

hyh services empower young people to be able to deal with the difficult situations in their lives, giving them the ability and confidence to 'do it themselves' and ultimately find stability.

GRCL are very proud to support such an important charity.

hyh Events 2023



Some dates are yet to be confirmed and other events will be added throughout the year.

❖ Spring Update	19th April
❖ Stocks Golf Day	28th April
❖ Ride London	28th May
❖ Firewalk	11/18 May
❖ London to Brighton	11th Sept
❖ Berko Golf Day	28th Sept
❖ Great Big Walk	30 Sept
❖ Royal Park HM	8th Oct
❖ hyh Quiz Night	12th Oct
❖ Autumn Update	Oct 2023
❖ hyh Sleepout	10th Nov
❖ The Big Give	Dec 2023



WOW... OVER £20K... THANK YOU

Thank you Global Rail



Thank you Global Rail for all your support and raising over £20,000 for hyh! You are incredible!



It's fantastic to have a corporate partner like Global Rail as you support hyh in so many ways: from attending our events (golf, quiz, Sleepout), sponsoring our events, being a Big Give Pledger, taking on your own challenges as well as donating items to our young service users. We couldn't ask for more!

*** CHRISTMAS PARTY PHOTOS FROM THE GIG FAMLTY ***



**Happy Faces At Our Christmas Party
In Melbourne**

PROMOTION

CONGRATULATIONS TO

Gerard Kavanagh (L) who is now GRA Networks (Ireland)
Operations Manager Telecoms.

Gerard has been with GRA Networks for two years and was previously
Senior Programme Manager
&

Michael Ging (R) who has been promoted to
Technical Manager.

Michael has been with GRA Networks for eight years as Senior Rigger.

*** FANTASTIC ACHIEVEMENT ***



A very happy **50th** birthday to Martin Jose (GRCL CAD Technician)
who celebrated this milestone birthday with his family & friends.

A very happy **60th** birthday to Debby Cambridge (GRCL HSQE
Coordinator). Debby celebrated her milestone birthday with her
family & friends.



CONGRATULATIONS

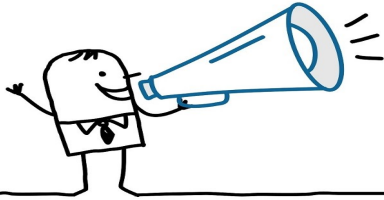
Debby Cambridge
(GRCL HSQE Coordinator)
10 Years Service



Marco Lombardelli (GRCL
Managing Director (R))
presenting Debby Cambridge
with her reward

Global Rail Construction Ltd (GRCL) were delighted to celebrate the
10 Year Anniversary of GRCL HSQE Coordinator, Debby Cambridge.
Debby has provided her services to GRCL over the course of the last
10 years and is able to assist with complex and challenging
contracts whilst providing invaluable guidance and
support to our teams.

We would like to take this opportunity to thank Debby for her continued
professionalism and commitment when engaged with ourselves
and look forward to working together on future projects.



Welcome To The Global Family...



Lisa Crinion
HR & Accounts Assistant



Ken Ramsey
Signalling Construction
Manager / CRE-C



Jake Forward
Electrical Apprentice



Petra Out
Office Administrator
& Personal Assistant



Mark Gavranic
Electrician



Jayden Zimmerling
Electrician



Aiden Campbell
Electrical Apprentice

The Global Infrastructure Group of companies, which have been established since 2001, incorporates – **Global Rail Construction Ltd, Global Rail Services Ltd, Global Rail Australia Pty Ltd and GRA Networks** a subsidiary operating in both Ireland and Australia.

“Our USP is without doubt our people and our long-term strategy will ensure we continue to invest in and develop our people to enable us to deliver our customers expectations, in an efficient and consistent manner”.



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