



Global
Infrastructure
Group

Issue 35 2023

GLOBAL NEWS



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- * **A Day In The Life...**



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Foreword

Welcome to another edition of the Global News Magazine. I hope you will agree that this newsletter continues to provide an interesting view of the Global Infrastructure Group and keeps you up to date with developments in Australia, the UK and Ireland.

As the Group continues to grow and diversify, this edition will shine a light on our people, our clients and the changes we are making to improve our individual businesses through technology and a keen eye for process.

Our UK colleagues in GRCL have started to utilize Sentinel, via a mobile application, a smartphone technology that validates workforce competence and authority to work with Network Rail.

GRCL is also working with Alstom, delivering civils, design and build solutions for Cambridge Resignalling Project and keeping the environment tidy with litter picking at Cambridge & Ely Stations.

Meanwhile at Atkins, GRCL has completed another Level Crossing (LX) project at Thorpe Lane as part of the Feltham to Wokingham Resignalling Project. Barry Smith (PM) & the Project Team get special mention for this successful work completion. Also with Atkins, an LX at Grove Park was completed, making that the 3rd LX renewal on the Feltham-Wokingham Resignalling scheme.

Peter Coleman celebrates 20 years with GRCL, a fantastic achievement! Your professionalism and loyalty are cornerstones of our success. The GRCL team has also got down and dirty at the Tough Mudder to raise much needed funds for the Herts Young Homeless charity.

Speaking of charities, Global Rail Australia (GRA) proudly support Pinnchapoo, a cheeky hotel toiletry 'pinching' movement started 14 years ago. Read on, to find out how GRA helps the disadvantaged.

GRA are working assiduously with Ericsson, upgrading the Optus/Vodafone JV 5G network. Rigging, Electrical and telecom Commissioning are part of the scope of work. GRA's electrical department are also working with the Victorian School Building Authority, in delivering electrical and data works at the Belmore Special School. On the rail side of the business, GRA has been awarded the track & turnout work for Gradco on behalf of Tasrail. Further north in Melbourne, GRA has recently completed a challenging twin platform canopy at Ruthven station.

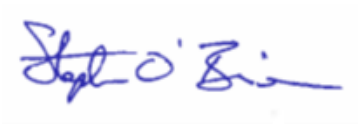
In Ireland, GRA-Networks (Telecom department) are in the middle of a 3-year Lightning Protection design and build program for the Lighthouses of Ireland. In the words of Billy Connolly, our riggers are now definitely "*wind swept and interesting*". A 'day in the life' quizzes Dermot O'Brien, the man who keeps logistics ticking in Dublin. The Irish team got a chance to have a flutter at Punchestown, the home of jump racing. A great day was had by all, judging by the bleary eyes the following day!

Global Rail Services (GRS) completed a drainage and watermain installation, in a tight 72hour possession on the LX at Bray station for Irish Rail. GRS is also working with the Environmental Protection Agency (EPA) installing radiation monitoring equipment at Malin Head and Johnstown Castle. Irish Rail has chosen GRS to design and build fast EV chargers in 5 train stations. This is part of an ongoing programme by Irish Rail to deliver commitments for the NTA (National Transport Authority of Ireland).



Finally, we welcome our new starters at GRCL Gavin, Brenda, Richard, Darren, Alec and Gareth, and at GRSL we welcome Alex, we hope you will enjoy reading this newsletter in another 20 years!

On behalf of our senior management team in Australia, UK and Ireland I would like to thank you for all your effort in making this a great company to work for.



Stephen O'Brien
Managing Director
Global Rail Services (Ireland)



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.

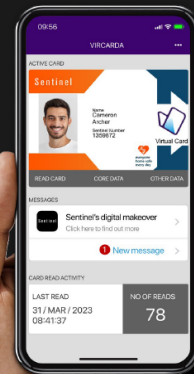


Sentinel

Join the virtual revolution

– with a virtual Sentinel card on your mobile.

The new virtual card can be read by Sentinel card-checkers from your smart device. You can request your virtual card from your Sponsor or through your mySentinel account. Follow this step by step guide to **installing and registering the Vircarda app on your Mobile** and loading your virtual Sentinel card to your wallet.



Sentinel

How to request a virtual card in mySentinel

Log in to mySentinel either on a computer or mobile device. Not got a mySentinel account?

Go to <https://mysentinel.me/> to register.

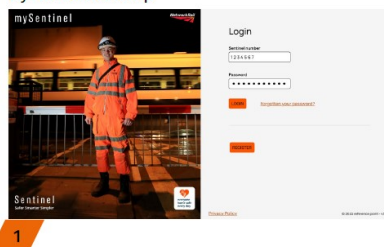
From the MySentinel dashboard, go to 'Account Settings' and click on Virtual Card then click Request Card

Remember to check that your e-mail or mobile number is correct. (E-mail is recommended)

Read Installing and registering Vircarda to find out how to install your virtual card on your smart device.

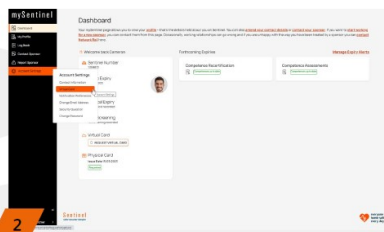
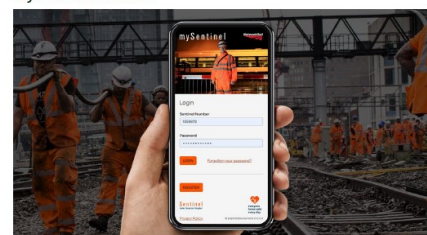
See the privacy policy for Vircarda [here](#).

mySentinel on desktop

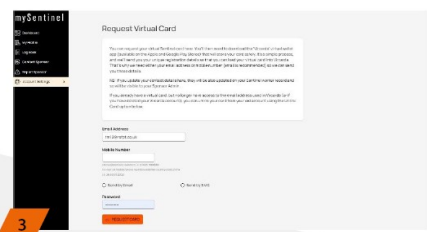


1

mySentinel on mobile



2



3

Sentinel

Installing and registering Vircarda

Vircarda is the app that will store your virtual Sentinel card securely on your mobile. Once you have requested your virtual Sentinel card, you're just a few steps away from getting it onto your phone, ready to use.

Vircarda only stores your virtual Sentinel card. Your Sentinel data is stored in the Sentinel database and is not shared with your Vircarda account.

Already have Vircarda on your phone?

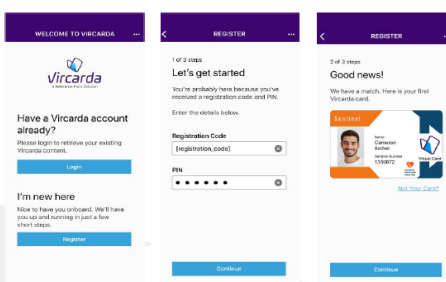
If you already have Vircarda on your phone, click on Login and login as usual.

Then simply load your virtual Sentinel card from the 3 dot menu at the top of the Vircarda screen.

How to install the Vircarda app



1. Go to the IOS App Store or Google Play Store and search for Vircarda.
2. Select Download/Install.
3. Once installed, open the App on your mobile.



New to Vircarda

Click on the Register button and follow the instructions.

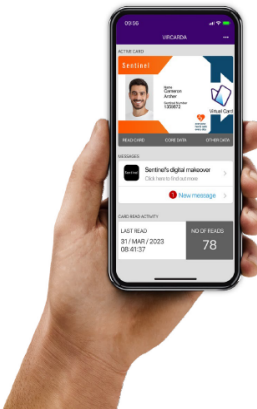
Add your virtual Sentinel card to the Vircarda Wallet

If you have requested a virtual card with an email address, you will have received an email with your registration code and PIN. Follow the instructions in the email to complete your registration.

- If you have requested a virtual card with a phone number, you will have received an SMS with your registration code and PIN. Enter the registration code and PIN in to Vircarda and press Continue
- Change wording to direct people to use registration process through automated email. Word document attached
- Change title of 'Continued' page to 'Final step'

Sentinel

Installing and registering Vircada (continued)



We need you to complete your registration by giving us your e-mail for YOUR Vircada account.

Vircada is YOUR wallet and so we suggest you use your personal e-mail address.

Your Sponsor will only be able to see part of the e-mail address used – just so they can give you a hint if you forget which email address you have used to register on Vircada. For full information, please visit Vircada's privacy notice.

Once registration is complete your virtual card is now ready for you to use.

You're all done!

Sentinel

Information for Card Checkers

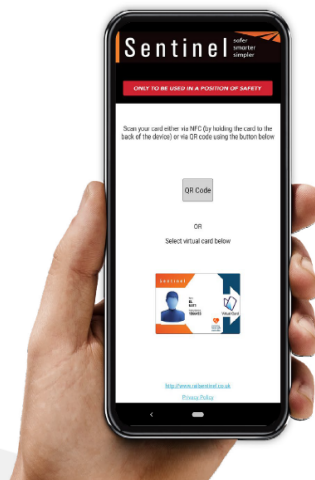
Card checkers will start seeing virtual Sentinel cards presented at site, as well as physical cards. Virtual Sentinel cards provide the same assurance of a worker record as physical Sentinel cards and can be read using the same Sentinel app.

Swiping yourself in using a virtual card

It is straightforward to use your own virtual Sentinel Card when acting as a Card Checker. This means you don't have to swipe your physical card.

If you have your virtual card loaded onto the same device as your Sentinel app you use to swipe in your team, simply open the Sentinel app and press Select Virtual Card on Android, or Use Vircada for iOS devices.

If you have your virtual Sentinel card stored on a different device you use to swipe in your team, open your virtual card in Vircada and swipe it as normal selecting QR code/Scan your card in Sentinel.



Sentinel

www.railsentinel.co.uk
sentinel@mitie.com
 0330 7262 222

More information about your virtual card:

<https://info.railsentinel.co.uk/help-support/>

Vircada's privacy notice:

<https://referencepoint.co.uk/privacy/vircada>



Network Rail and our client Alstom, organised a joint litter pick that our **Global Rail Construction** team were delighted to be able to join. This was undertaken at Cambridge and Ely Station's and was a great way to support the community and contribute to this worthwhile initiative.

As a responsible railway business, our group of companies play a significant part in the daily routine of millions of people whether they are our own employees, our supply chain partners, our clients or the public – and at every opportunity we look to enhance their lives and minimise harm.

We are committed to a healthy and safe environment and recognise and respond to the challenges and opportunities that are presented by climate change, aiming to manage our environmental footprint and enhance performance in areas where we operate, particularly in relation to energy and waste.

**Thank You To All Concerned For Getting Involved
We Look Forward To More Opportunities On
The Cambridge Resignalling Project**



Our vision is that everyone arrives for work healthy and leaves for home safely, everyday.



Global Rail Construction Limited (GRCL)

has successfully completed programme critical works including hardstandings at Loc's 112/66 and 112/92, to enable the timely delivery and placing of signalling assets by our Principal Contractor and client Alstom.

These works form part of the Cambridge Resignalling Project and were planned, managed and undertaken in a single weekend in conjunction with GRCL Project Manager, Vas Vancea and our site team - a great effort by all concerned.



**Thank You Team
For The Excellent Workmanship**



ATKINS

Member of the SNC-Lavalin Group

Global Rail Construction Limited (GRCL) has completed a six week project for the installation of a Level Crossing at Thorpe Lane - which was successfully commissioned over a weekend possession. The project on behalf of valued client Atkins, forms part of Phases 3&4 of the Feltham to Wokingham Resignalling Project. This location is part of a package of 7 No Level Crossings, that will be upgraded and brought into service by GRCL to meet the August 2023 main commissioning.

Thorpe Lane Level Crossing is an MCB-CCTV type, operated by RRI circuitry and is controlled by the signaller at Feltham ASC. As part of the Feltham and Wokingham Re-signalling project, the crossings will be refurbished, operated by Atkins ElectrologIXs data and will be controlled from BROC (Basingstoke Rail Operating Centre). The existing RRI operating circuitry was disconnected and is replaced by a standalone Atkins ElectrologIXs Interlocking, operating renewed crossing equipment and furniture from the final signalling location and a temporary interface location.

Feltham will remain the point of control, but this will be altered to provide new signaller buttons and indication (POD) whilst retaining the panel mounted monitors. The existing remote control will be disconnected with new communications being established via FTNx.

Many thanks to our Project Manager Barry Smith and all of our Feltham project delivery team for an excellent and professional delivery.



THANK YOU TEAMS



ATKINS

Member of the SNC-Lavalin Group

The **Global Rail Construction Limited (GRCL)** team has completed the delivery and installation of Earley ASP with the support of partners TXM Plant, Axle Haulage Ltd and ASH Construction Group. The delivery of this activity represents a key milestone achieved for the Feltham Resignalling Project.

Our internal GRCL team has also completed, to a very high standard, a new lineside signage installation with cast in-situ bases, which has contributed to the on-time completion of a number of key programme dates.

Great Work From All Involved



Our UK business, Global Rail Construction Limited (GRCL), working in partnership with our esteemed client and principal contractor Atkins, has successfully completed another Level Crossing (LX) renewal - this time at Grove Park, in London. This is the third LX renewal undertaken successfully by the GRCL team on behalf of Atkins on the Feltham to Wokingham Resignalling Scheme.

The new MCB CCTV Level Crossing scope of works included:

- > Decommissioning of existing level crossing infrastructure
- > Modifications to existing civils route and base infrastructure
- > Installation of 4 No Newgate barrier pedestals, new booms and associated furniture
- > Signalling control via a new location suite
- > Renewal of level crossing lighting

The decommissioning and recommissioning work was undertaken in accordance with the requirements of the programme, during disruptive possessions in Week's 4 and 5.

A huge THANK YOU to all concerned for the safe and collaborative execution of this scope of works.



Celebrating 20 Years

Peter Coleman (GRCL Head of Compliance) celebrated 20 years service with Global Rail Construction on the 31st March 2023.

Thank you Peter for your loyalty, commitment and hard work for the past two decades.

Marco Lombardelli (GRCL Managing Director) relayed his gratitude to Peter with the following message,

“Congratulations on achieving twenty years of service. The organisation depends on your dedication to your job and the quality work that you do. We couldn’t do it without you. Thank you for being such a valuable member of the Global family.”



Two of our Global Rail Construction Supervisors have been recognised for their contributions to Health and Safety awareness on the Cambridge Resignalling Project.

Congratulations & Thank You

to Gary McMullen (first image)

&

Robert Doboos (second image - with HSQE Manager Henry Bonuah (L)).



**THINK
SAFETY STARTS
WITH YOU**



Global
Rail
Construction

On Saturday, 6th May 2023, seven brave souls from the Global Rail Construction team participated in Tough Mudder, London West, to raise funds for charity partner **Herts Young Homeless**.

They raised a massive total of **£3,012**.

Well done to all those listed below - what a fantastic achievement!

* Barry Smith * Tony Nieli * Charlie Rice *
* Adam Wisker * Liam Perry * Kieron Lickfold *
* Richard Horsted *





Global Rail Australia (GRA) are proud to support Pinchapoo, and have done so for a number of years.

They are currently planning to run a breakfast / coffee morning where all the GRA staff will assist with packing some welfare packs for disadvantaged children and families in Australia. This is a charity GRA are keen to keep supporting on an ongoing basis.

WHAT / WHO IS PINACHAPOO (slang for **Pinch-a-shampoo**) is proudly responsible for creating a cheeky hotel toiletry 'pinching' movement 14 years ago... and for good reason! Using this world first, modern day Robin Hood concept together with landfill stock rescue programs, we have redistributed more than 10 MILLION personal hygiene products to hundreds of thousands of disadvantaged men, women and children nationally each year. Pinchapoo is the biggest national not-for-profit supplier of personal hygiene essentials and works with over 850 + leading organisations, community groups and government institutions as a total hygiene solution, providing a reliable source of customised, culturally appropriate and gender inclusive packs to EVERYBODY in EVERY situation of need.

Our team work passionately to advocate access to hygiene products for both men and women EQUALLY. 1 in 3 Australian's experience hygiene poverty and are forced to make the heart-breaking choice between buying food and personal hygiene products every week. It is our vision that EVERY Australian has access to this basic human right essential to our mental and physical wellbeing and this alarming statistic eradicated.

Pinchapoo belongs to everyone! It's a place to contribute, connect and be loved for being exactly who you are and all you were destined to be!

We are proud to provide an all abilities, religious, gender, neurodiverse and culturally inclusive environment to work in, visit and partner with. Fun fact, over a third of our volunteer workforce have special needs!

Poo HQ in Bayswater, Victoria acknowledges the Traditional Custodians of the land and pays its respects to Elders past, present and emerging.



Poo HQ

<https://www.pinchapoo.org.au/>



What To Donate

AUSTRALIA'S NUMBER ONE NOT FOR PROFIT HYGIENE SUPPLIER

Contact

✉ info@pinchapoo.org.au
📞 Kate 0499 349 999



19/63-71 Bayfield Rd E,
Bayswater VIC 3153



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 are upgrading is on a site in Delahey North, at present on this site there is an existing Broadcast Australia 30m high Rocla concrete monopole Optus, Vodafone and Telstra antennas mounts.

GRA are supplying all aspects of upgradation works from Riggers, Technicians, Electricians and Civil Workers. Liaising with Broadcast Australia communication management team, Melbourne DMC team, and Security are to plan and coordinate this upgradation work, which is a very important part in the delivery of this eJV upgradation work.

Delivering materials, working at heights, removing and installation of new steelwork, compound extension work, approval from the BAI communication to deliver all equipment/materials, and electrical upgrades, which are some of the important scopes of work.

This was very demanding and a necessity to run as smoothly as possible, as per the BAI site access protocols and site access process requirement. It proved to be a very challenging site due to the weather conditions.

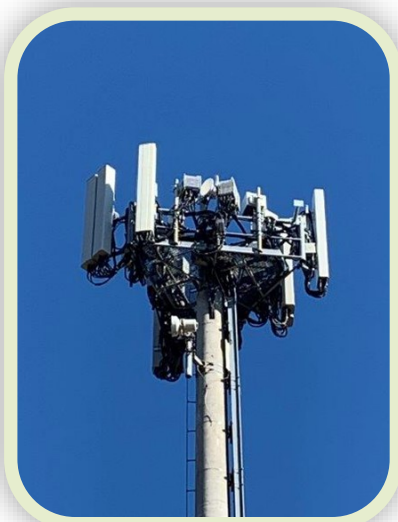
The works involved:

- Delivering all steelwork, materials and equipment. Organising planned delivery times by coordinating with BAI communication DMA team so that they could process our works and agree the lead time before accessing site.
- An electrical upgrade was required to install the new group meter panel on H frame and new Optus 63A 3P MCB as load control. Also, installation of a new 100A site protection device.
- 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).
- Compound extension work includes extension of existing Palisade Fencing to the north recline to add new ICS industries Thermocab 5-bay outdoor cabinet into the BAI compound located inside the Sydenham MF site.
- 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 existing monopole.
- Install new steelwork and new lad-saf on existing monopole.
- Install new Optus RRU8863, Vodafone AZQJ and AHPADB antennas to the newly installed steelwork.
- Install new Optus and VHA ancillary equipment and Hybrid Trunk cables.
- Swapping existing eJV 4G panel antennas with new 4G panel antenna (RRVV2VVT4S\$-65DR10) on new longer antenna mounts.
- Installation of new group meter box on new H frame to host relocated Telstra meter plus new Optus meter with site SPD.
- 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, BAI communication, Site access team, and Security.
- All works were delivered by GRA at a high level of professionalism and safety with no reported safety concerns.





GRA Networks Electrical Department has completed SEQUENCE-A of the Electrical & Data scope at Belmore Special School as part of the Victorian School Building Authority, 'Better Schools Project' for builder S.J Higgins.

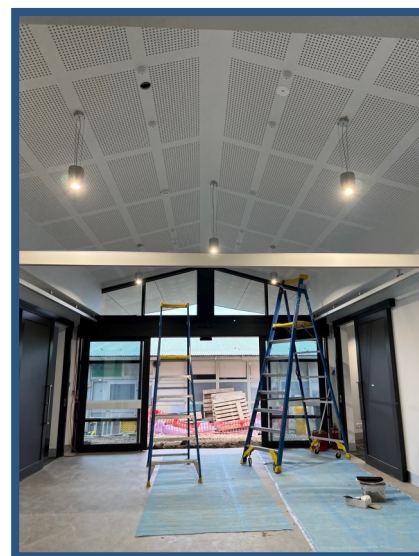
The works at Belmore Special School are being conducted in two sequences, this shall enable the

normal operation of the school, throughout the entire building process.

SEQUENCE-A comprised of one new building consisting of:

- four new classrooms
- two assisted bathrooms
- two general bathrooms
- two break-out rooms
- two teacher prep rooms
- activity space
- IT Room
- student library
- one fully renovated building, for the senior staff offices & school administration area.

GRA Networks Electrical Department started on SEQUENCE-B in May, with the anticipated delivery completion date in July 2023.



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.

GRADCO

GRA has been awarded the track and turnout rail works from Gradco. GRA priced all rail scopes for the Gradco tender submission for Tasrail's Turnout replacement program.

Project Scope:

Replace 7 turnouts, including associated turnout formation work and track work, in conformance with the documents issued or referenced in the tender.

Additional turnouts will be invited to quote once designs have been approved

GRA track team is about to mobilise to the Fingal line in May 2023 to start prebuilding a turnout and track panels. These will be installed with GRA hi rail plant.

All works are completed in 3-day occupations from Thursday to Saturday evening.

Global Rail will complete all track works inhouse with their skilled team.

Global Rail Australia is successfully progressing this project by investing their time and expertise and delivering this project on time.



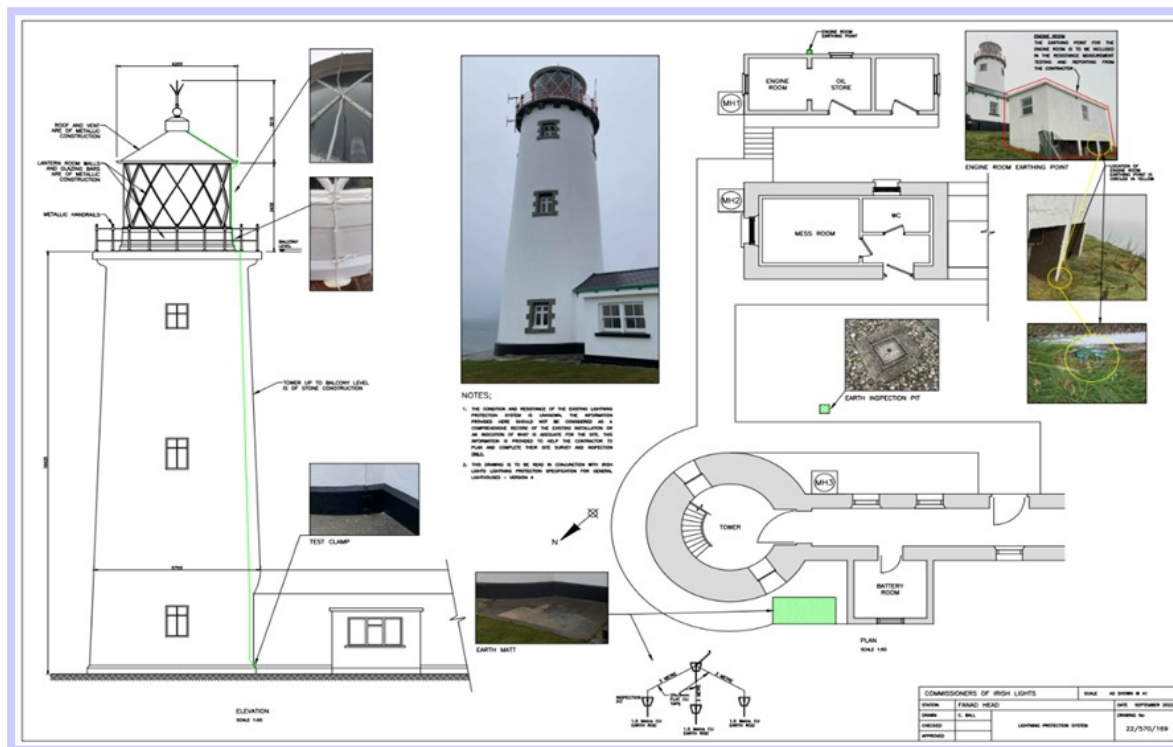
Metro Trains Melbourne - Ruthven Twin Canopy Installation

The **GRA** Civil team have recently completed the supply and installation of a twin platform canopy at Ruthven train station. This project was challenging due to difficult access to the island platform at Ruthven, a combination of day/night shifts were used for erection of structural steel and a 4-day occupation was utilised for high-risk tasks such as roofing. The project was completed safely and to program.



GRA Networks have undertaken a project for the Commissioner of Irish Light that includes survey, design, and installation of lightening protection systems at Fanad Point Lighthouse in Co Donegal. The idea of the lightening protection is to reduce the risk to the electronic equipment within the building from electrical surges caused by lightning strikes.

Fanad Point Lighthouse



East Rathlin Lighthouse is located on one of the most northerly points in Ireland looking out to the North Atlantic Ocean.



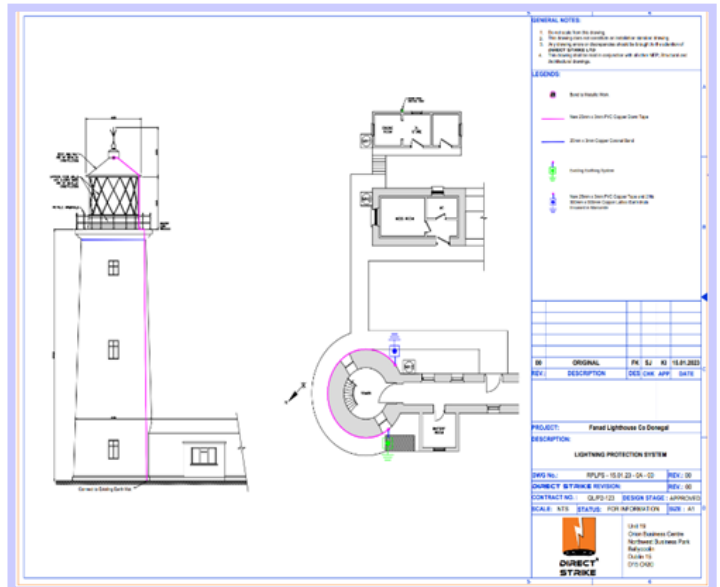
Fanad Point is a more traditional style Lighthouse with access to a balcony area at the light level with an ornate finial on the light shroud.



The installation was complete by GRA abseilers who are highly trained and accredited in advanced climb and rescue.

A lightning finial will be installed at the highest point of each structure with two 25mm copper tape down conductors run to ground on opposite sides of the structure.

Two separate grounding points were constructed to achieve the required resistance of less than 10 Ohms.



Installation Certification & Commissioning

The installed protection system was certified and commissioned by Direct Strike. Direct Strike support GRA and GRSL across several projects.



A DAY IN THE LIFE OF

In this issue, we meet Dermot O'Brien, Stores and Logistics Co-ordinator for Global Rail Services

What are you passionate about?

Family and work

What personal achievements are you most proud of?

My daughter

What are the biggest things you learned in life to date?

To be nice and grateful

What advice would you give to your younger self?

Go to school

If you won a million dollars, what would you do?

Put it all on red

Do you love your job, why or why not?

Yes - great work and great friends

What do you fear most in life?

My daughters' first boyfriend - God help me

Who inspires you the most?

Allyana – my daughter

What kind of person do you enjoy spending time with?

Anyone up for a laugh, basically anyone who's a lunatic

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

I haven't grown up yet - I'm only 5'2

What is your favourite music?

Dance music because I can shake my toshy

What teacher in school made the most impact on you and why?

I don't know, I was never in

What was one of your most defining moments in life?

When my daughter was born



Punchestown Festival is the home of jumps racing in Ireland and this year's Festival took place from the 25th-29th of April 2023. Racegoers were treated to five fabulous days of quality National Hunt racing, exciting entertainment, stunning fashion, gourmet food and a great festival atmosphere. A total of 40 races, featuring 12 Grade 1 contests were on offer as Jumps Stars attempt to cement their names in the history books.

Global Rail Services attended the second day of the Festival (26th of April) which is the prestigious **LADBROKES GOLD CUP DAY**.





Global Rail Services (GRS) are thrilled to announce our successful involvement in a crucial element of the drainage and water distribution improvement project in County Wicklow, Ireland. Our contribution to this project will soon benefit many residents in the area, and we take great pride in having played a role in its development. Over the Easter holiday period, GRS collaborated with Wicklow Council and Irish Rail to install new drainage and watermain distribution pipes through the level crossing at Bray Dart station.



Our teams worked around the clock for 72 hours during the TIII possession over the cross-leveiling lines at Bray Station, ensuring a seamless removal of track, and existing watermains, installation of the services, reinstatement of track and renewed tarmac and line marking.

Numerous site meetings were held with Irish Rail, Irish Water, Gas board and Electricity Supply Bord (ESB) to identify services, reduce risk and minimise impact on the residents.

Irish Rail were in first to remove the track panels. Global Rail Services were up next in conjunction with Irish Water to excavate 35 metres trench 2.5 metres in depth 1.2m wide. A typical trench box support system was used during the construction in accordance with the temporary works design.



The existing water main was cast iron, shallow and had to be removed to allow the installation of the 450mm of surface water drainage below.

Existing gas mains and ESB cables left for an extremely narrow window of installation.

Even with the pre-planning, radar scans and surveys, additional uncharted ESB service were uncovered during the works, however, quick responses from the ESB and quick thinking on the ground led to a resolution and the works continued.

On completion of the surface water drainage the watermain was reinstated above maintaining minimum separation distances.

Irish Water returned to renew and reinstate all track panels and points that had been removed after which GRS could complete the tarmac reinstatement. 450m² and painting the entire area line marking.



We would like to extend our gratitude to our dedicated staff who have shown exceptional commitment throughout this challenging project. Their tireless efforts and professionalism have been instrumental in bringing these upgrades to fruition.



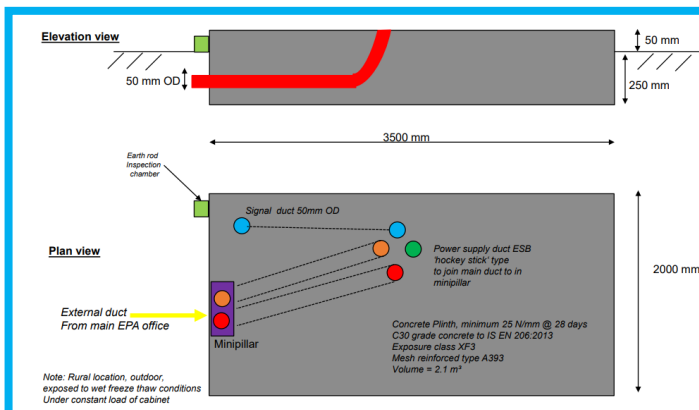
Malin Head and Johnstown Castle

(Environmental Protection Agency EPA)

Global Rail Services are delighted to be involved in the installation of the new radiation monitoring equipment in Malin Head Met Eireann, County Donegal and the aerosol measurement units in Johnstown Castle EPA Headquarters, County Wexford. The project carried out on both sites involved civil and electrical works.

At Malin Head and Johnstown Castle, we constructed two new concrete plinths and connected them to each other and the office building via new ducting. We then delivered and installed a new mini pillar to connect the cabling to the new cabinets, which

weighed 500kg and were lifted onto the larger concrete plinth using GRS HIAB and secured in position using M12 bolts.



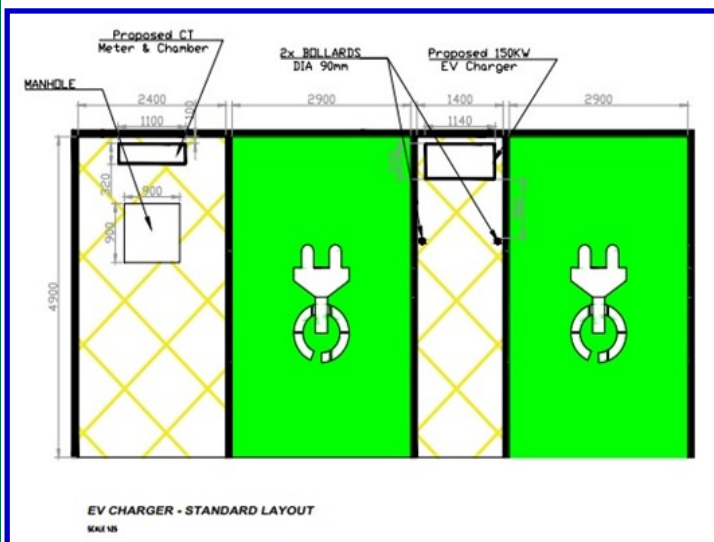
We installed an electrical cable that ran approximately 30m in Malin Head and 100m in Johnstown Castle from the office to the mini pillar. Inside the mini pillar, we mounted a small sub-distribution fuse board to supply local power. All electrical connections to switches and boards were made carefully with suitable materials. Furthermore, we ensured that all external steelwork was correctly bonded to local earth electrodes.

This project illustrates Global Rail Services as a turnkey solution provider to civil and electrical projects that we are currently

executing on behalf of the EPA. There were a few minor additions that took place on this project, for which Global Rail Services also took on the roles of PSCS (Project Supervisor Construction Stage) and PSDP (Project Supervisor Design Process). The successful execution of this project is a testament to the team's expertise, dedication and quality of workmanship.



**Thank You Team
For The Excellent Workmanship**



In 2020, the Irish government through its state body, the NTA (National Transport Authority), allocated funds in its budget to expand the growth of electric vehicles (EV). Due to the successful delivery of the design and build of EV fast chargers for taxis on a previous contract for Irish Rail in three separate locations across the country by **Global Rail Services**, we were selected to support Irish Rail in the expansion of its EV charger capabilities.

As part of a competitive tendering process and because of our in house resources & design capabilities from both civil & electrical perspective, **Global Rail Services** were awarded a contract for the design and build

of 150kW charge points in five Irish Rail train stations, Sallins/Nass, Tralee, Dundalk, Westport and Bray. 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.

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
- Construction of ESN substation RC bases
- Sign post and safety bollards
- Car space painting



Our vision is that everyone arrives for work healthy and leaves for home safely, everyday.



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. To date, the civil works are complete in four of the five sites with Tralee being almost complete. Cable installation has been completed in four of the five sites also, with Tralee the only site remaining. Line marking has been carried out in two of the five sites with the three remaining sites anticipated to be completed in the next two weeks. Commissioning of each unit will take place as soon as the Electricity Supply Board (ESB) Networks metering team install 3 phase meters and energize each metering cabinet, this is due to be completed imminently. This is great news for EV taxi 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.



ESB Substation Construction in Dundalk



ESB Substation Installation in Dundalk



Global
Rail
Services



ESBN cable installation in Dundalk



EV charger installation in Sallins



EV charger installation in Sallins



EV charger installed in Sallins



Trench reinstatement works in Tralee



EV charger installed in Tralee

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.



Global
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Iarnród Éireann
Irish Rail



ESBN substation base constructed in Tralee



Trenching and ducting works in Tralee



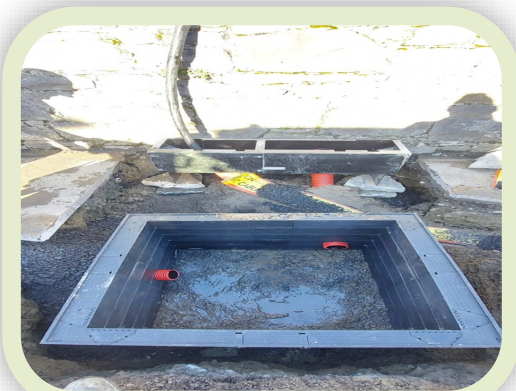
Civil Works Bray



Civil Works Bray



EV charger installation Bray



Manhole and Cabinet construction Westport





Supporting Vulnerable People in Hertfordshire



Global Rail Construction Limited (GRCL) has a local partnership with charity Herts Young Homeless (HyH). This picture is our latest donation to enable HyH to distribute Easter Eggs to young people without a home. The charity were delighted and have confirmed their front line teams have taken these out to the young people they are working with.

GRCL's core business centres on infrastructure design and construction solutions within the rail and transportation industries, providing service to the communities, in which our employees live and work is our privilege. As a business, we believe that if communities thrive, then this enhances our business.

As part of our CSR, we have partnered with this local charity in Hertfordshire whose focus 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. Their 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.



Mental Health Awareness Week 2023 was the 15th—21st May, with a focus this year on anxiety. It is true to state that from time to time, we all feel anxious. As global businesses, our aim is to support and create an environment of guidance and awareness by providing information and advice through our mental health champions on matters that can help prevent it from becoming a problem. Supporting and improving mental health is a key priority for our business as a whole.

DON'T FORGET THAT OUR Employee Assistance Program is ALWAYS available.

The Employee Assistance Programme (EAP) is a scheme that gives you 24-hour access to confidential support, professional advice and short-term counselling to help deal with personal and work-related problems that may be impacting your physical and mental well-being.

How are you today?

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- Health & Wellbeing Support
- Legal Information
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 For online support join vClub at <https://vclub.healthhero.com>
 Username: **GLOBAL-EAP**
 Password: **Support01**



International Women's Day

Imagine a gender equal world. A world free of bias, stereotypes, and discrimination. A world that's diverse, equitable, and inclusive. A world where difference is valued and celebrated. Together we can forge women's equality. Collectively we can all embrace equity. The 08th March 2023 was International Women's Day 2023 and the campaign theme this year was Embrace Equity.

The aim of the campaign theme is to get the world talking about "Why equal opportunities aren't enough." People start from different places, so to achieve true inclusion and belonging requires equitable action.

International Women's Day (IWD) (March 8) is a global day celebrating the social, economic, cultural, and political achievements of women. The day also marks a call to action for accelerating women's equality. IWD has occurred for well over a century, with the first IWD gathering in 1911 supported by over a million people.

Today, IWD belongs to all groups collectively everywhere. IWD is not country, group or organization specific.

At the Global Infrastructure Group of companies, our workplace culture is becoming more diverse and inclusive everyday. Thanks to our global business initiatives and strategies, our female employees around the world are benefiting from opportunities to grow and advance both personally and professionally.



PROMOTION

Stephen O'Brien appointed Managing Director of Ireland businesses



Owners Ivan Holloway and Marco Lombardelli are delighted to announce that Stephen O'Brien has been appointed Managing Director of their Irish businesses. Stephen, who joined Global Rail Services Limited and GRA Networks Ireland as General Manager and Director of Telecoms respectively, has overseen a period of outstanding growth.

This is even more impressive, as much of his tenure to date has been following the aftermath of a global pandemic, where his resilience, dedication and innovative approaches have enhanced the businesses and delivered fantastic results, with the help and support of his Senior Leadership and the wider team in Ireland. The companies are highly regarded by clients as

respected rail and infrastructure and telecoms contracting entities.

Stephen has three decades of experience in the management and delivery of projects for the construction and professional services industries, previously holding senior management positions at Morrison Telecom Services and Obelisk. With an MBA and degrees in Mechanical and Industrial Engineering from Trinity College, Dublin and UCD respectively, Stephen is a professionally affiliated leader, holding memberships of both the Irish Management Institute (MIMI) and the Institute of Engineers of Ireland (MIEI).

Stephen commented on this news, saying:

"I'm proud to have become the Managing Director of both Global Rail Services Limited and GRA Networks Ireland and will continue to do my best to ensure the businesses remain successful, innovative, and great places to work. I am also grateful to my entire team in Ireland for their support. Your skills, wisdom, and experience has been a vital ingredient to our successes."

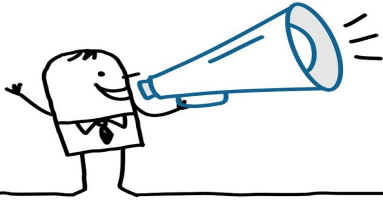
Ivan Holloway, Part Owner of the Global Infrastructure Group of Companies added:

"I'm delighted that Stephen will be taking on the role of MD for our Irish businesses. He's done a fantastic job of improving performance of the businesses and has proven to be an excellent leader. We've found the ideal person to take our interests forward and support the long-term objectives of the shareholders."

The Global Infrastructure Group are globally engaged in a whole spectrum of markets, offering solutions specific to our client needs.

The nature of our high-value services means we are involved in complex projects. These projects often require a combination of our activities and services in order to deliver the optimum result for our clients.

Recognising that each industry and sector of activity has its own processes, we offer solutions specific to our clients needs.



Welcome To The Global Family...



Gavin Toms
E&P Manager



Gareth Jones
Quantity Surveyor



Brenda Lombard
HSQE Advisor



Richard Balciunas
Project Manager



Darren Kenny
Construction Manager



Alex Mallon
Electrical & Mechanical Store Co-Ordinator



Alec Ralph
Senior Design Manager

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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