

Pro Rail Services

LEVEL CROSSINGS AND RRAPs SERVICES

Pro Rail Services are specialists in surveying, design, assurance of new / replacement Level Crossings (LXs) and Road Rail Access Points (RRAPs) service to Network Rail / Irish Rail / Translink and it's Tier 1 Contractors.

These solid rubber panels provide access over the railway, enabling plant and machinery to travel over the tracks whilst other work is underway. We are one of the leading installers of Strail / Rosehill Rail RRAPs, with this type of work making up the majority of the crossings work we do.

Our LXs design and build team are able to advise on the best products to meet our client's needs, arranging site visits where necessary (via our internal possession planning team). We cater for most track types, working with leading manufacturers Strail and Rosehill Rail.

Our services cover supply, delivery, installation and removal. We also offer RRAPs hire which can be used on a short or long term basis, via our Partner in TPA.

Where necessary, we are able to provide regular safety inspections of the RRAPs, ensuring they remain fit for purpose and free from defects that could compromise safety.



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Our in-house design and build team provide the following services:

- Site survey / Walk-out
- Topographical Services
- Sleeper type identification
- Equipment specification & Quotation
- Full Traffic Management implementation
- Installation / Recovery of existing LXs / RRAPs
- Inspection & Maintenance Services

We can provide a full turn-key service from survey, access planning, design, project assurance, construction phase planning and implementation utilising all in-house construction management and safety critical staff.



VARIOUS APPLICATIONS

Highway interface

We can design and supply a heavy-duty and durable level crossing system that is suitable for highway traffic. The modular system consists of single solid rubber panels, which are connected to each other by our lock tight system.

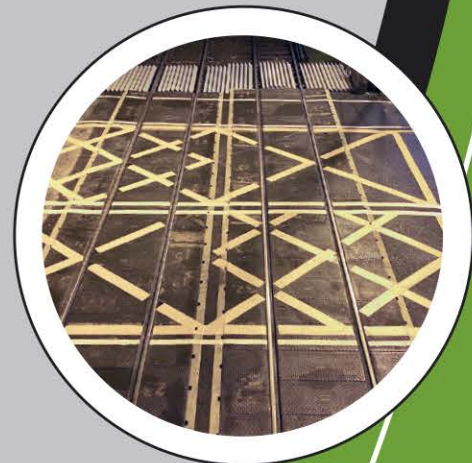
- Suitable for every rail and sleeper type
- System solution consisting of inner panels and outer panels in various designs
- Patented high-tech rubber surface with vulcanized corundum ensures excellent slip resistance
- Long service life
- Quick and easy installation and removal



Level Crossings with significant track maintenance interface - **pontiSTRAIL** - the adaptive system

The outer panel system that adapts flexibly to the individual track position and is particularly suitable for level crossings that are subject to frequent maintenance cycles. **pontiSTRAIL** consists of two materials, rubber and aluminium - delivering the following advantages:

- Tolerates horizontal track position changes
- Low load input into the superstructure
- Patented high-tech rubber surface with vulcanized corundum for excellent slip resistance
- Replacement of **STRAIL** standard outer panels by **pontiSTRAIL** possible without any problems



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Level Crossings with medium to high loads - innoSTRAIL - the economic system

This system doesn't require any filler blocks, making it a particularly economical system.

- Independent of sleeper spacing
- System solution consisting of inner and outer panel
- Patented high-tech rubber surface with vulcanized corundum ensures excellent slip resistance
- Perfect system for starting points for maintenance and rescue vehicles



Level Crossings with highway drainage interface

STRAIL Drainage Kerbstone - support of the outer panels and drainage of the surface water. The **D-Kerbstone** features an integrated drainage system. The surface water of the road is kept away from the STRAIL level crossing and can seep into the ground.

- Suitable for heavy goods traffic
- For all standard **STRAIL** outer panels as well as **pontiSTRAIL 713**
- Fast installation in combination with standard **STRAIL** prefabricated foundations



User Worked Crossing with pedeSolar - solar-powered LED lights

LED lighting elements arranged in rows as self-luminous markings make pedestrian crossings even safer. These light sources do not require a power connection because they are battery-powered, sunlight-fed, autonomous and maintenance-free LED units with a long service life.

- Performance when fully charged:
Up to 240 hours without additional sunlight
- Maximum visibility: Approximately 900m (depending on the course of the road)
- Charging time: Approximately three hours
- For a temperature range from -20 °C to 85 °C



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Our design and project delivery team consists of:

- Competent Level Crossing & RRAP Surveyors
- Design Manager & Engineers
- Contractors Engineering Manager
- Contractors Responsible Engineer
- Possession & Isolation Management Staff
- Construction Manager
- Construction Supervisor
- Level Crossing & Permanent Way Staff
- Safety Critical Staff
- Track Handback Engineer

Pro Rail Services is a self delivery level crossings / RRAPs contractor and our competent work force are all employed full time and trained to the highest standard on level crossings and RRAPs in accordance with our UKAS accredited ISO9001. Our workforce have all been trained to the required Network Rail Standards for inspections & installations to TRK37.

Pro Rail Services works nationally on all Rail Regions / Routes from our Depots in:

- KILTIMAGH, CO MAYO
- DUBLIN
- WELWYN GARDEN CITY
- YORK
- WARRINGTON
- HORSHAM
- NEWPORT, SOUTH WALES
- SOUTHAMPTON



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