

Megapoxy[®]

Right on track: heavy-duty grout for iconic bridge rail deck

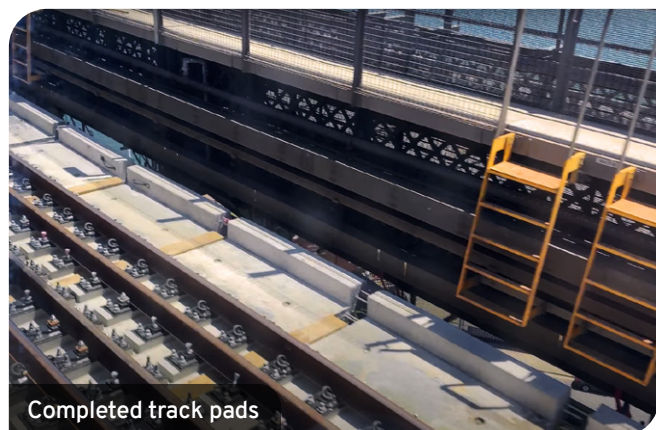
Client: Transport for NSW

Location: New South Wales



PROJECT SNAPSHOT

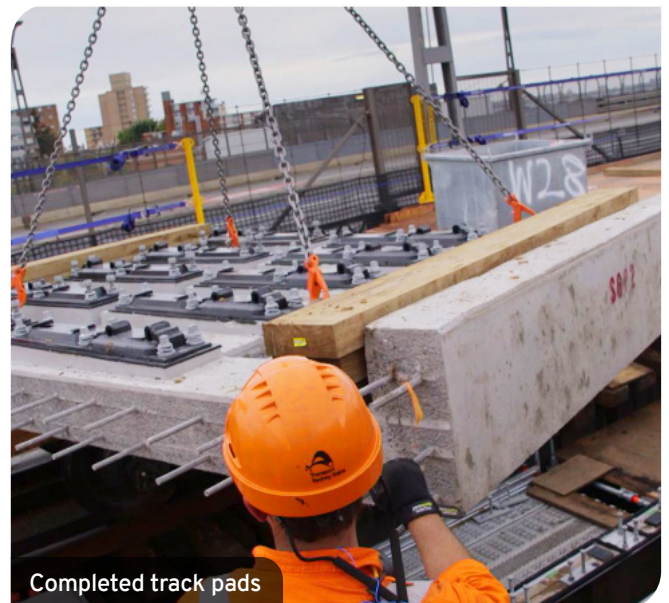
Replace an ageing 555-metre timber deck supporting Sydney Harbour Bridge's rail track with a concrete composite deck. Our high-performance grout was used to lock the rail system onto the upgraded concrete deck. Supply and delivery certainty were crucial, with the project involving bridge shutdowns, lane closures and parking impacts.



Completed track pads

Client needs + challenges

- Scheduled supply of large volumes.
- No delays, fast turnaround, precise delivery.
- Australian-made products and scalable production.
- High vibration resistance and strength for rail track pads.
- UV resistance for exposed track pads.
- Exceptional service at every step.



Completed track pads



Pouring track pads

PRODUCTS USED

- [Megapoxy 206 Ultra >](#)

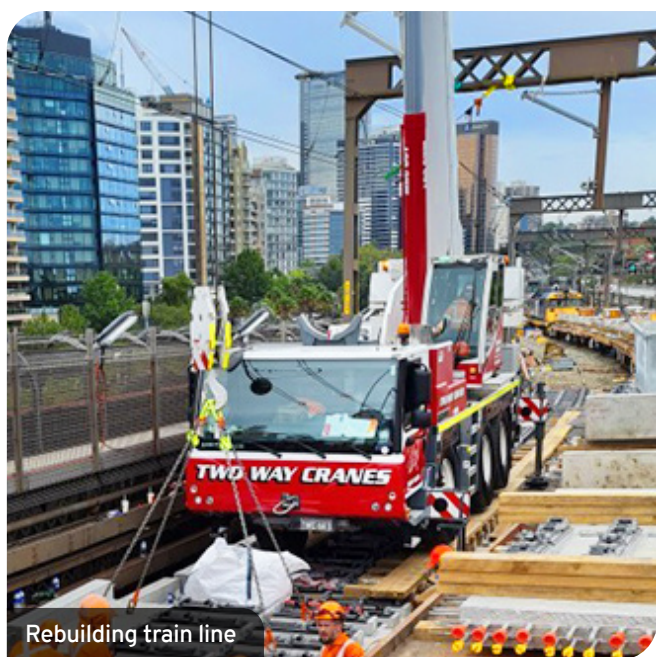
Solutions, service + simplicity

We were proud to provide the right solution and support to help our client achieve their objectives – and stay on track – to deliver this complex project.

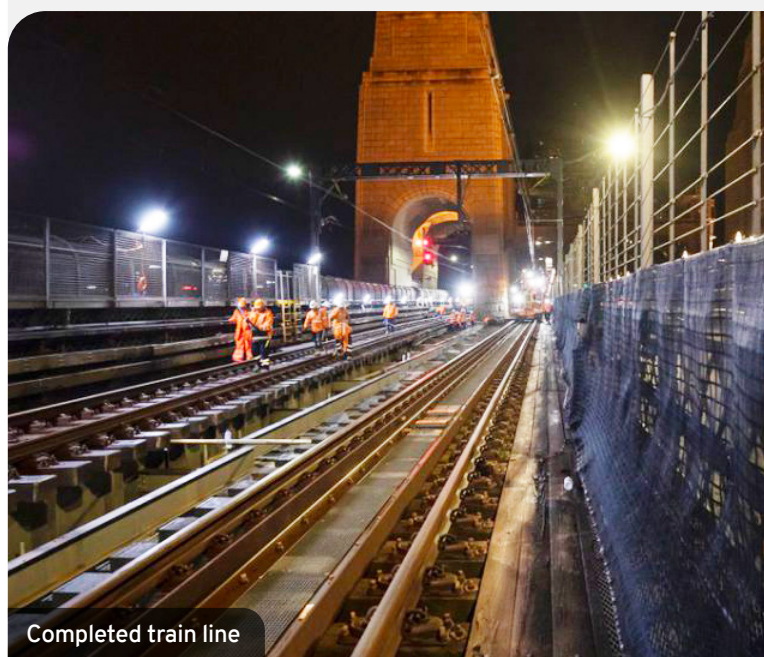
- Once the rail height and width were set, formwork was placed around the Delkor Rail Egg Pad (a rail fastener for high vibration and noise attenuation).
- Megapoxy 206 Ultra was poured into the formwork to lock the rail system onto the concrete rail deck. 206 Ultra is a heavy-duty, flowable, 100% solids epoxy grout – designed specifically for civil engineering and structural applications where strength is imperative.

Standout benefits

- Supply and service helped keep the project right on schedule.
- Reduced deck maintenance with more robust and longer-lasting materials.
- Works estimated to extend the life of the 88-year-old railway corridor by another 120 years.
- Trains to run more quietly, smoothly and reliably.



Rebuilding train line



Completed train line

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