



Visualising Inland Rail



Construction

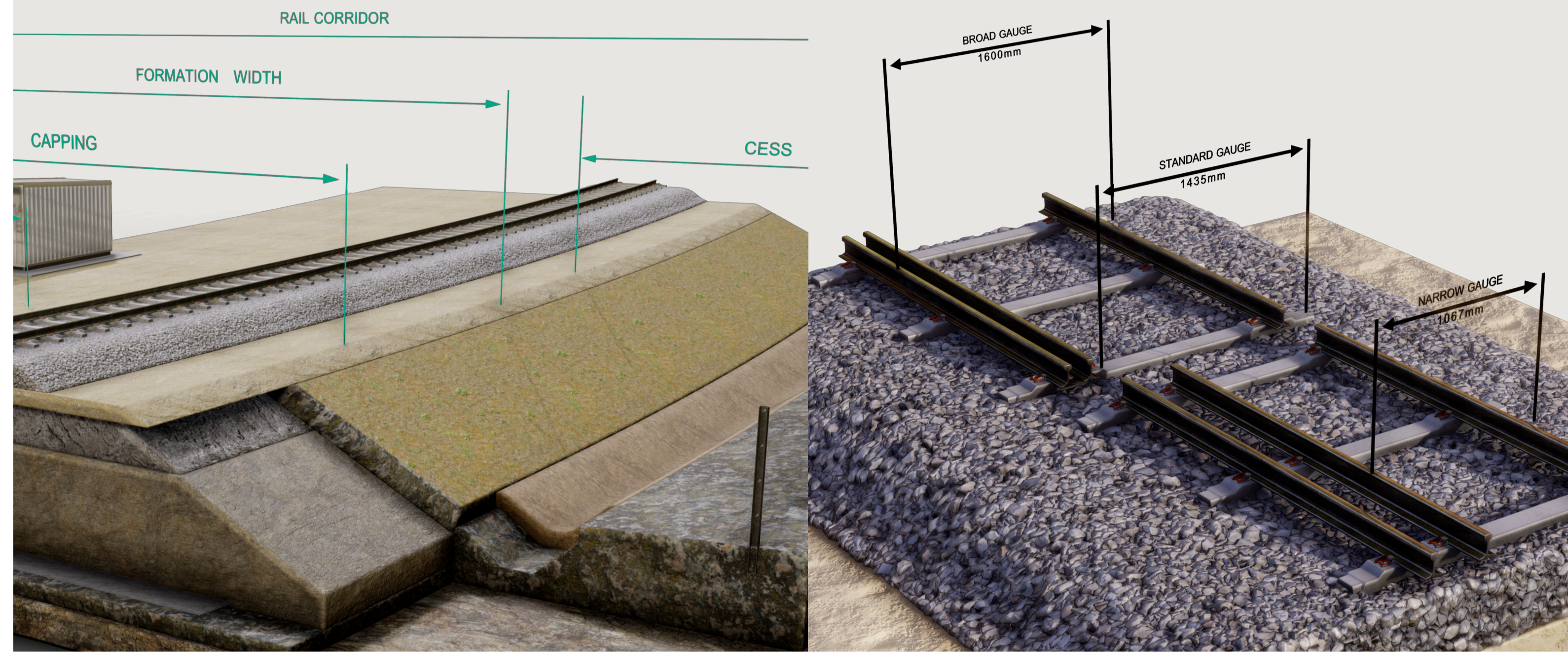
Visualisations produced using current design phase models support construction in multiple ways such as stakeholder consultation, design reviews, construction methodology and design option comparison. These visualisations allow us to show how the asset could look and function when complete, or how the construction and staging process may occur from beginning to end.

Scan the QR code to explore visualisations of the Tottenham to Albury project. Additional visualisations can be viewed on each project webpage.



Learning and Development

Inland Rail has a large workforce, not necessarily from a rail background. Using visualisations, we can quickly get our teams up to date with technical terms and concepts.



Operational

Signal Sightings can be achieved through a virtual environment to support the signoff and corridor awareness of new track to limit the number of potential SPADs post construction. Line familiarity visualisations, including time-of-day analyses, allow drivers to gain much needed alignment knowledge, well in advance of the line being operational.



Visualisation Data

By processing multiple sources of input from GIS, along with structural and civil models, Inland Rail is able to generate accurate visual depictions of built assets.



Communication

Visualisations can inform local and invested parties to see the visual impact rather than speculating on possible negative assumptions. Stakeholders can be informed to varying levels of detail on form and finish, noise, environmental and visual impact.



Safety

Visualisations have been used for incident recreations, and to enhance safety awareness and messaging in an effective situational manner.



Environmental

Visualising how we will mitigate environmental impacts assures communities that Inland Rail will leave the impacted areas in a functioning state with minimal environmental disturbances.



Cultural Heritage

Inland Rail works closely with local experts to protect and preserve Aboriginal Cultural Heritage along the alignment. Visualisations aid in communicating how we will manage and preserve cultural heritage in the area.



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