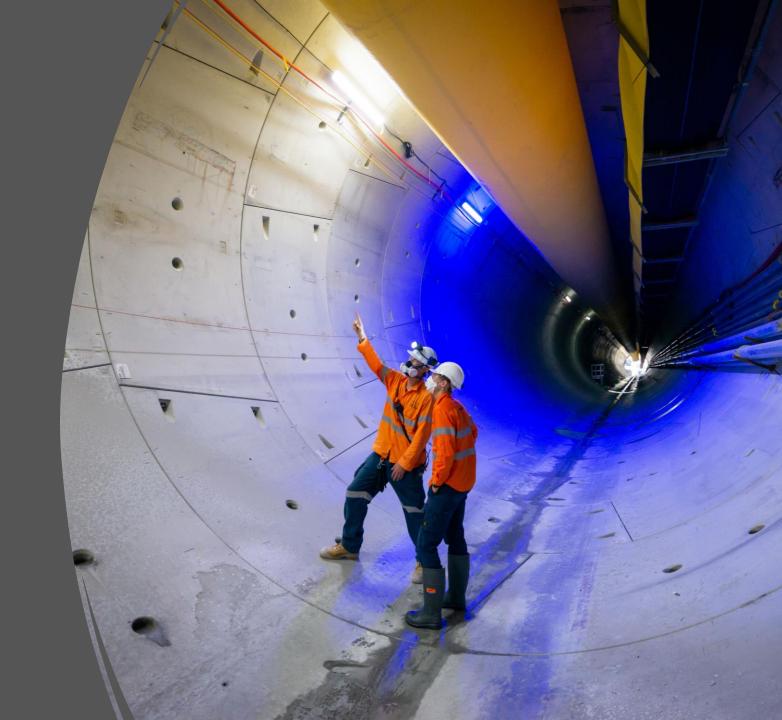


Agenda

Cross River Rail

- our Project
- our Progress
- our Project Controls approach









10.2 km new rail line



5.9km twin tunnels under the Brisbane River and CBD



4 new underground stations





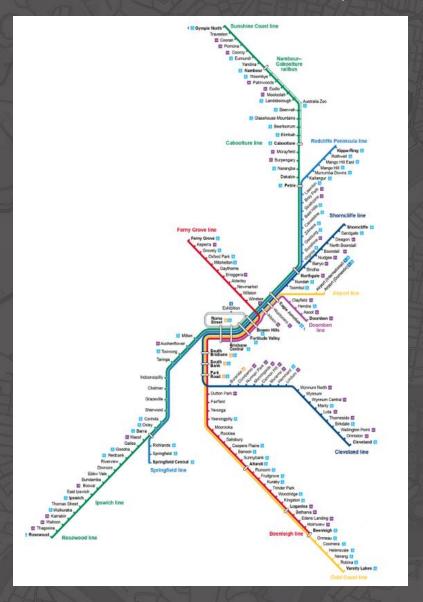
Cross River Rail as a solution

- Shorter journey times door to door
- Capacity to increase train frequencies as population grows
- Second river crossing, reducing network frailty
- New stations in more convenient locations
- Integration with new roads & new bus services
- Will make public transport more popular



A catalyst for wider rail transformation

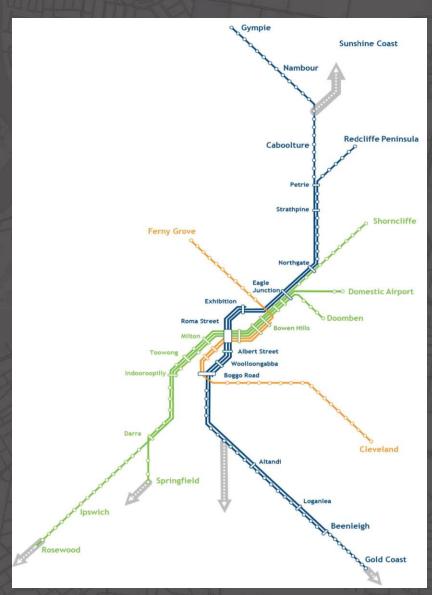
Current QR rail network map



• Released 2 August 2022



Future rail network map







Also delivering...



450

Apprentice/Trainees over the life of the project



614,000
apprentice hours
planned over the life
of the project

Currently at 343 apprentice/trainees

Currently at **598,000** hours



Four major works packages

Tunnel, Stations & Development: Pulse











Rail, Integration & **Systems: Unity Alliance**





JACOBS°



European Train Control System Sequence Alliance

HITACHI

Ansaldo STS

SYSTIA

New Gold Coast Stations

Pimpama



Hope Island station



Jacciona Georgiou

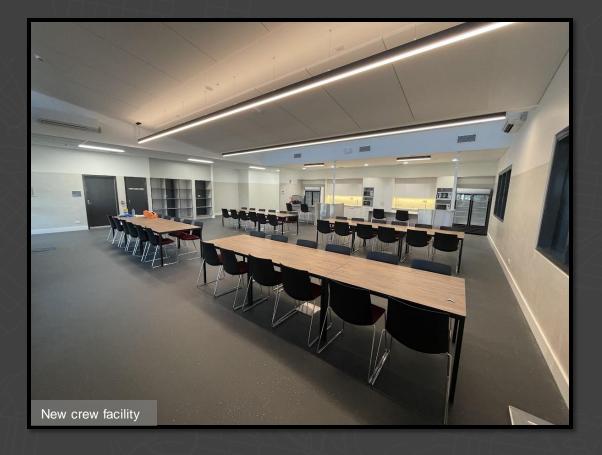
Merrimac

shortlisting



Mayne Yard North

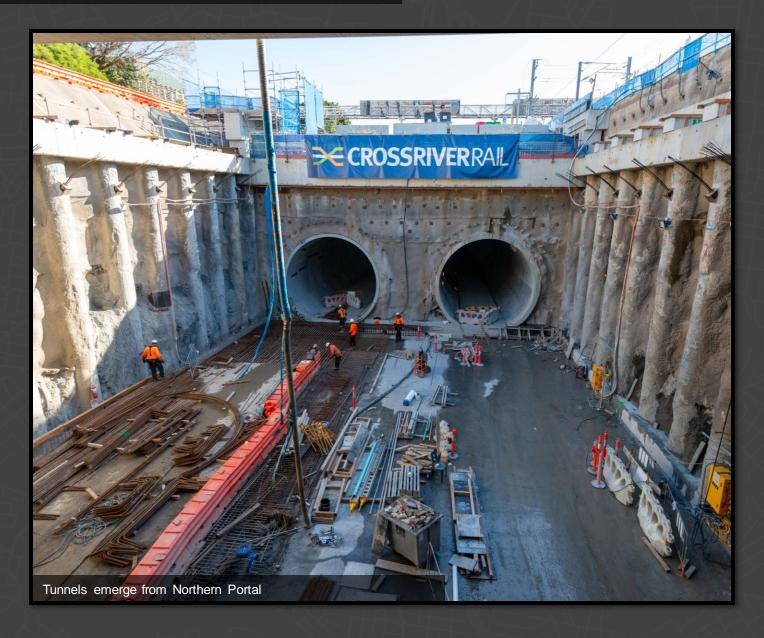


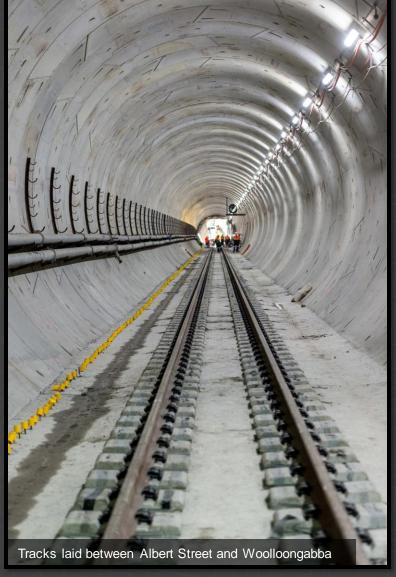


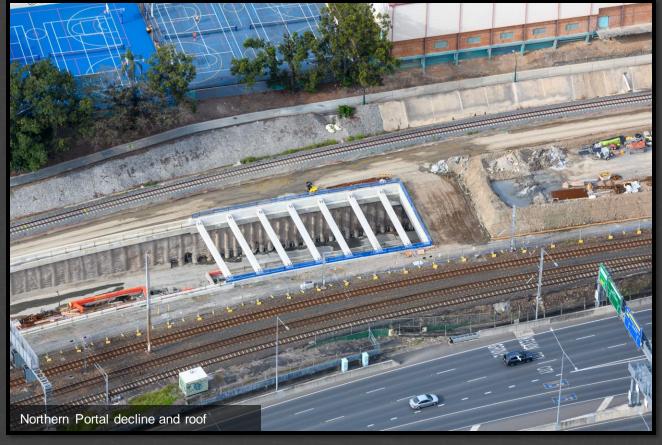




Twin Tunnels complete

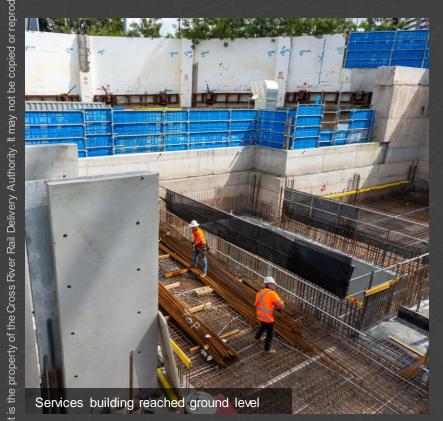




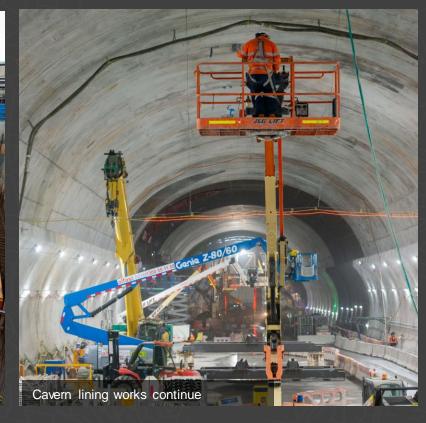




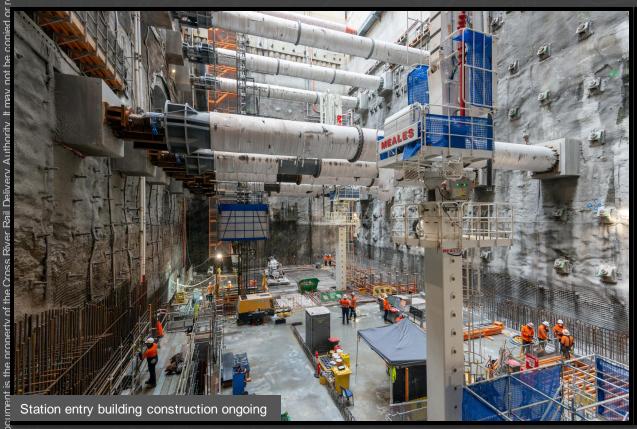
Roma Street

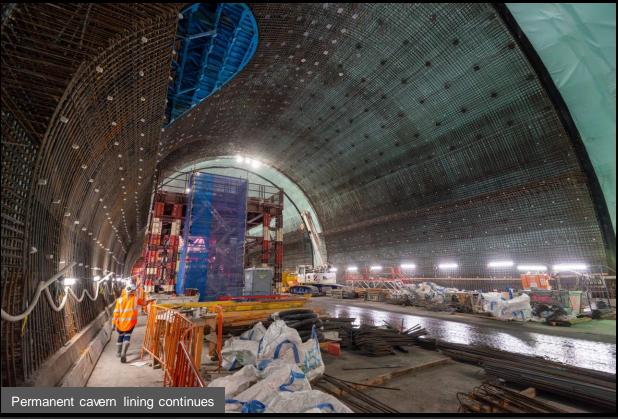






Albert Street





Woolloongabba

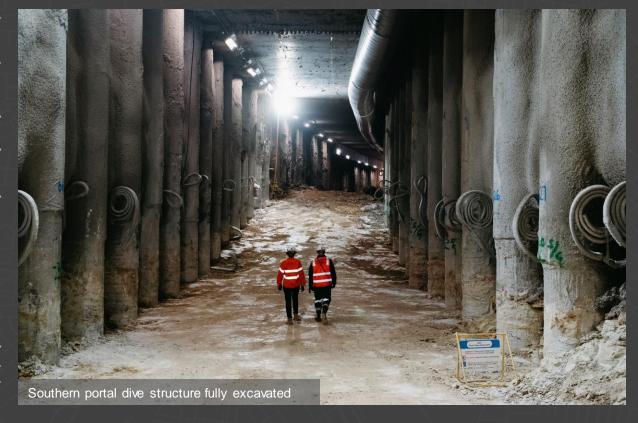




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Yeronga, Fairfield and Rocklea







Hope Island Station, off Hope Island Road



New Gold Coast Stations





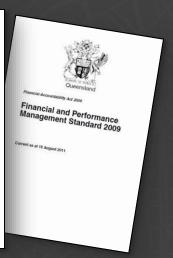
Our Project Controls approach

Delivering within a complex Government Framework

Required to meet Queensland Government Legislation







Required to align with Key Queensland Government Frameworks







Tailoring foundational standards to manage work





SPONSOR REQUIREMENTS

PROGRAM REQUIREMENTS

Appetite helps isolate key Strategic Risks Strategic Risks:

Structured approach to Risk

Risk Appetite:

STRATEGIC RISKS

Program schedule:

Program schedule:

Program Budget:

Transit States and Development

Red tomported the Consept Plans

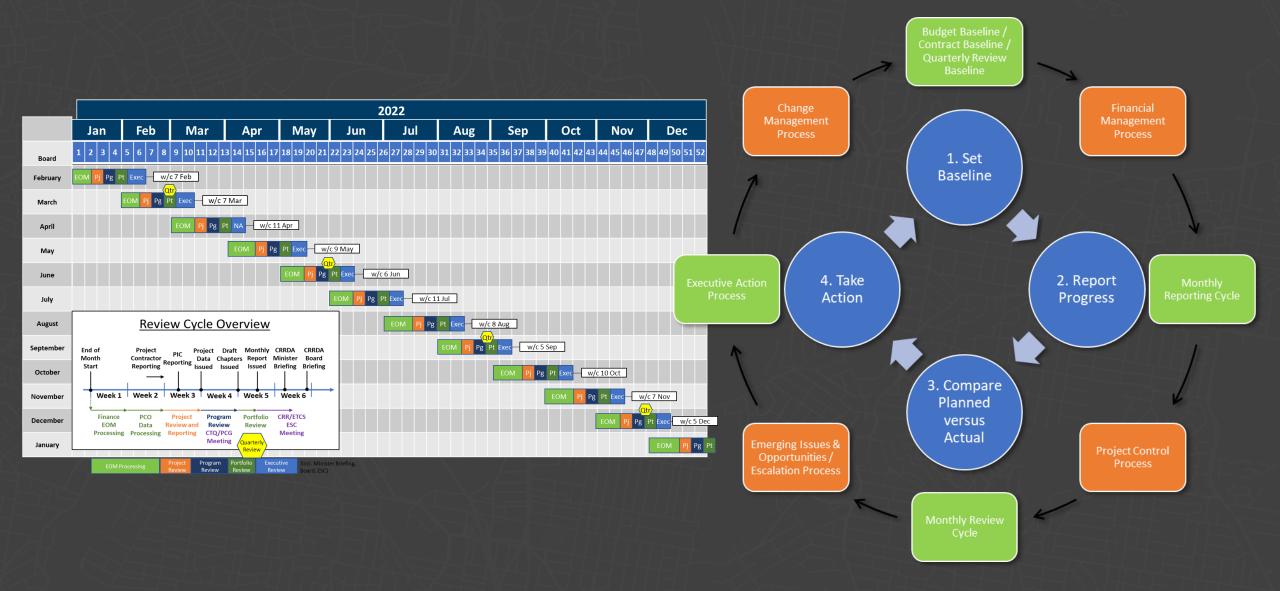
Red tomporte

Governance:

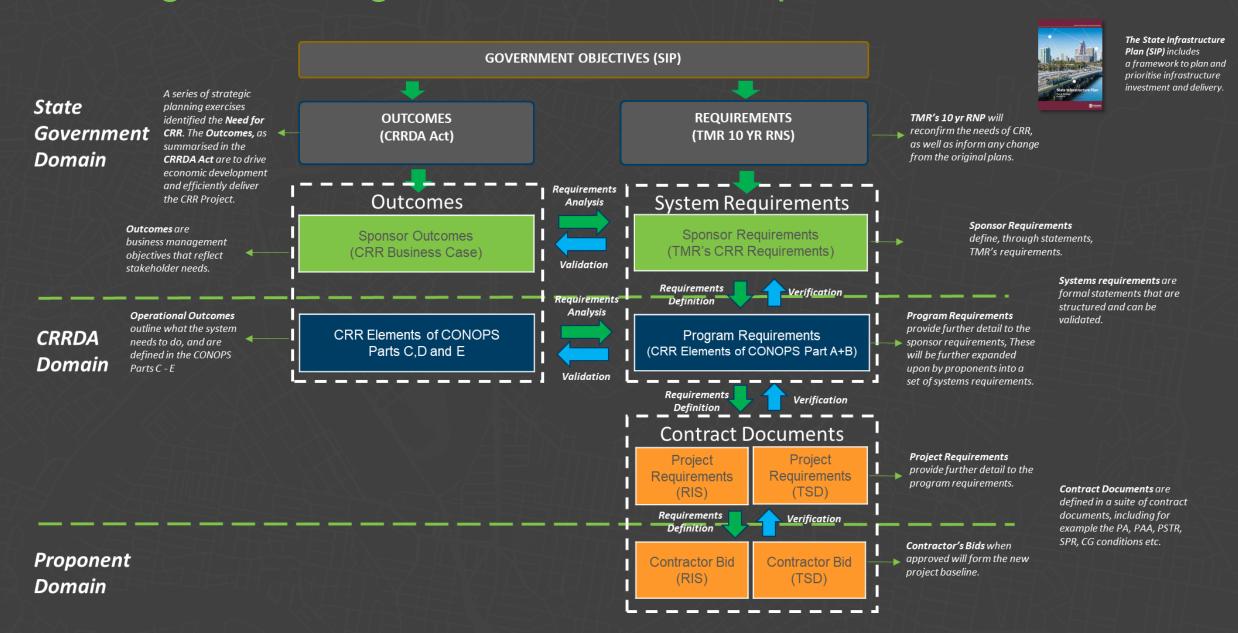
Portfolio level – Reviewed Quarterly

> Program level -Reviewed Monthly

On a routine and repeatable basis



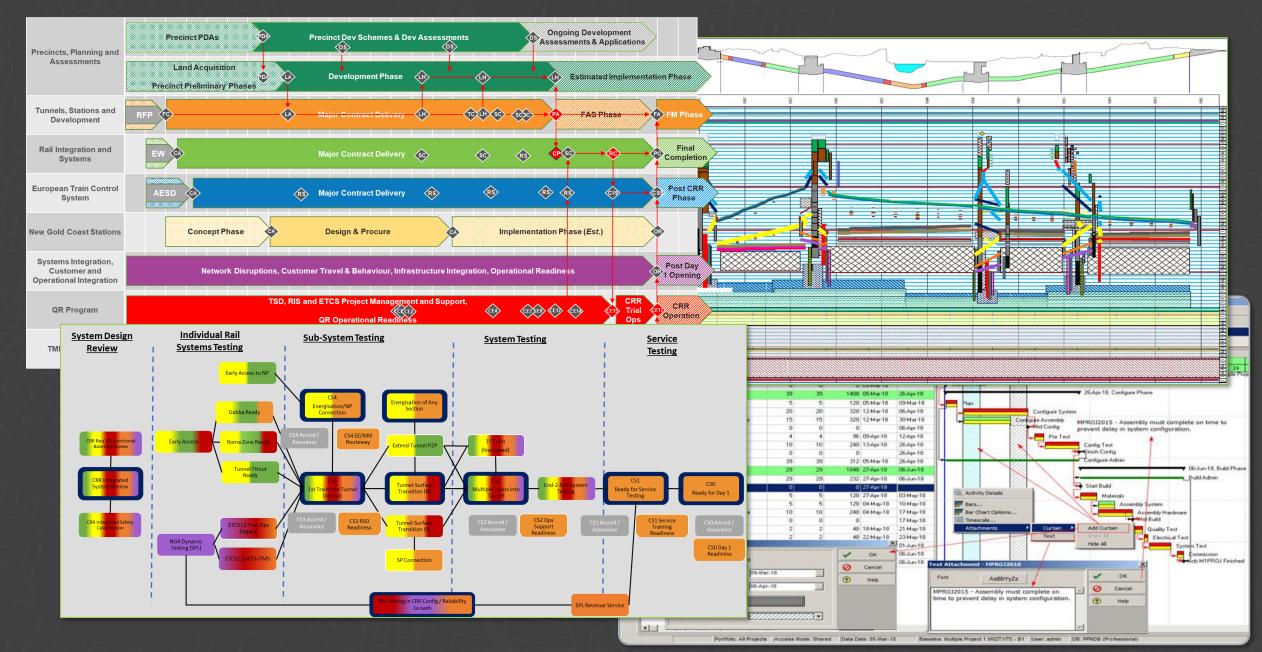
Resulting in an Integrated Outcomes/Requirements Framework



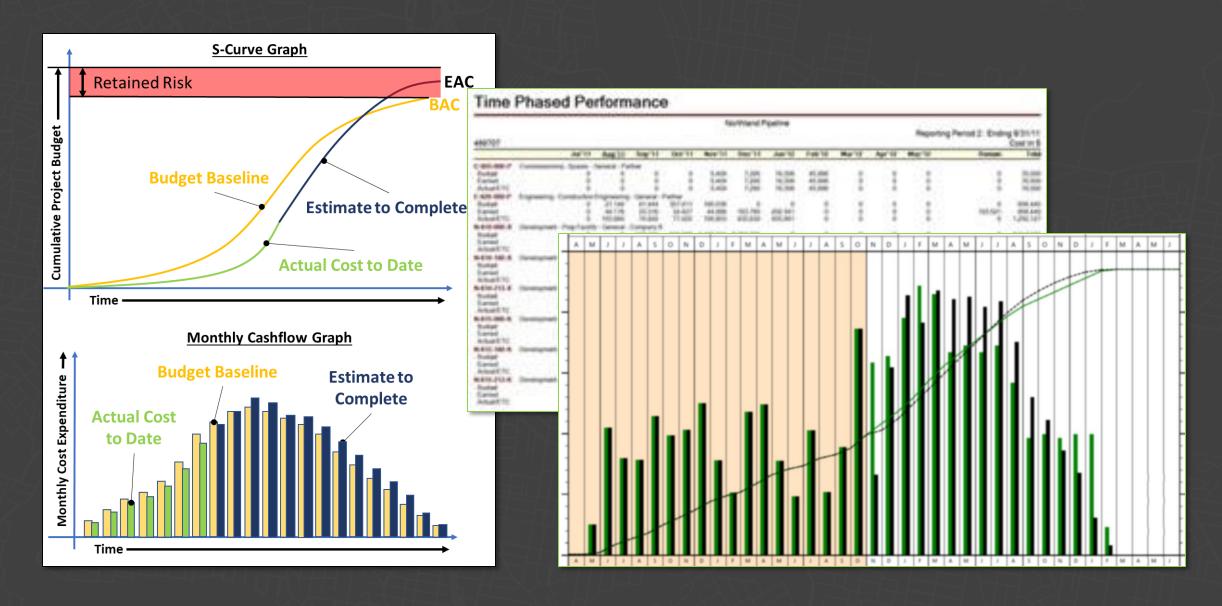
Breaking down key objectives into deliverable requirements:

- ^ -			Spon	Lenn at the contract of the co
ŶŶŶ	Provide turn-up-and-go rail services in the inner city		SR1	CRR will deliver an increase of approximately 50% in network capacity, which is additional capacity of about 18,000 rail passenger journeys per day. This will be the key catalyst for transforming the south-east Queensland rail network into a modern digital railway as part of the single integrated transport network accessible to everyone.
	Enable greater integration of bus and rail		SR2	CRR will improve customer experience by reducing journey times and improving frequency rail through the corridor and to/from Brisbane city.
_/=	services		SR3	CRR will change sectorisation of the rail network by connecting all southern services on the Gold Coast line through a new core section through the city to the North Coast and Redcliff Peninsula lines.
Δįσ	Bring Jobs closer to home so more people live within 30 minutes of where they work		SR4	CRR will feature new tunnel infrastructure to four underground inner-city stations at Boggo Road, Woolloongabba, Albert Street and Roma Street. It will also include redevelopment of Exhibition station and Dutton Park station.
	Manage congestion and reduce greenhouse gasses by shifting more people onto public		SRs	CRR will provide world class passenger facing rail safety measures such as platform screen doors at all new underground stations.
	transport		SR6	The core section of CRR will achieve a safe, efficient and reliable operational capacity of ult mately 24 TPH in both directions (with service plans aligned with demand).
\oplus	Create more than \$7 billion in direct transport and wider economic benefits for SEQ		SR7	CRR will be capable of operating 24 hours a day on special occasions, but will more general operate 22 hours per day for two days per week (Friday and Saturday) and 20 hours per day on other days (Sunday to Thursday) to provide maintenancewindows.
2X	The capacity across the Brisbane River and through the CBD from the south		SRa	The CRR infrastructure will support long-term social and economic benefits including future introduction of higher capacity (g-car) trains and thus stations need to allow future provision for g-car length platforms and associated infrastructure to accommodate the increase passenger throughput.
<u> </u>	Generate about 1500 direct and indirect jobs		SR9	CRR will accommodate the Next Generation Ticketing systems as stipulated by TMR in constation with CRR.
	each year during construction		SR10	CRR will be supported by track, stabling and station upgrades that improve the efficiency a use of the CRR tunnel.
/₩\	Free up road space for commercial vehicles, enabling faster speeds and quicker trips		SR11	CRR will be designed to support operations with the New Generation Rollingstock (NGR) an integrate with Queensland's new signaling technology (ETCS Level 2 with an ATO overlay).
. \	Support urban revitalisation in key inner city	1 DAMANTH	SR12	New CRR stations and infrastructure will provide for all passenger accessibility requiremen
ara	growth areas such as Woolloongabba and Bowen Hills		SR13	New CRR stations will integrate into urban design fabric of the CBD precincts, supporting efficient and effective pedestrian movements, and promoting opportunities for modal integration including pedestrians and cyclists.
*	Provide capacity to connect new cities and regional centres to the CBD by rail such as Caloundra, Flagstone and Coomera		SR14	CRR will support the continued sharing of rail network between passengers and freight trail with rail freight operators having the same or better levels of access to the network as with the project.
XSK	Take rail into new parts of Brisbane's city centre		SR15	Coordinator-General conditions
CBD	with the first new CBD station in more than 100 years		SR16	Stakeholder requirements

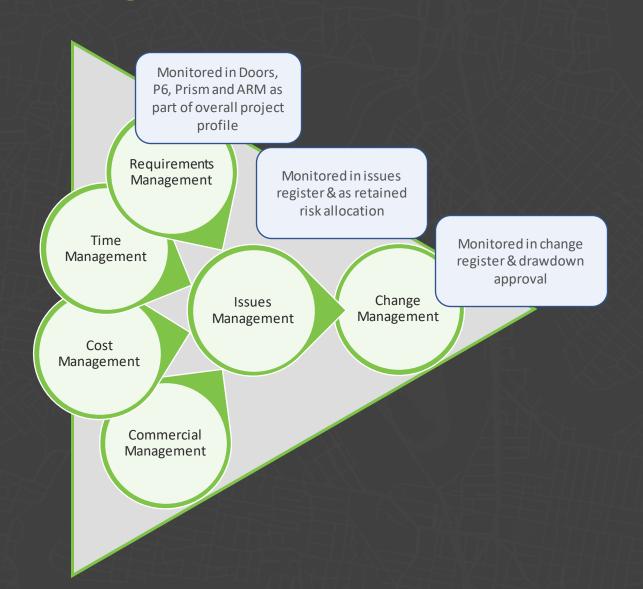
Managing complex works and integration over time

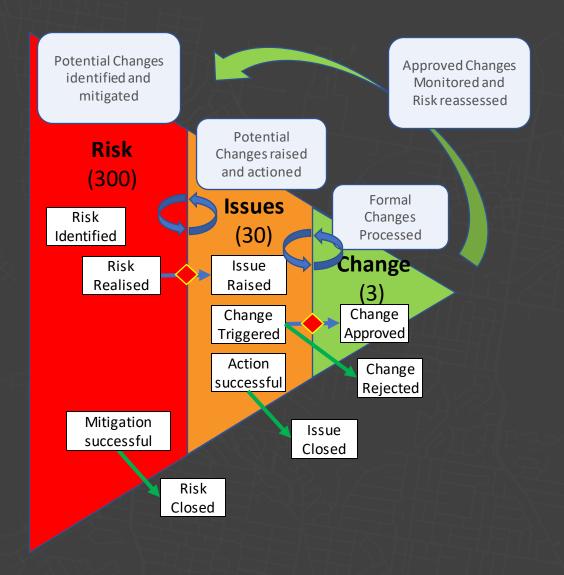


Managing a complex budget for key stakeholders

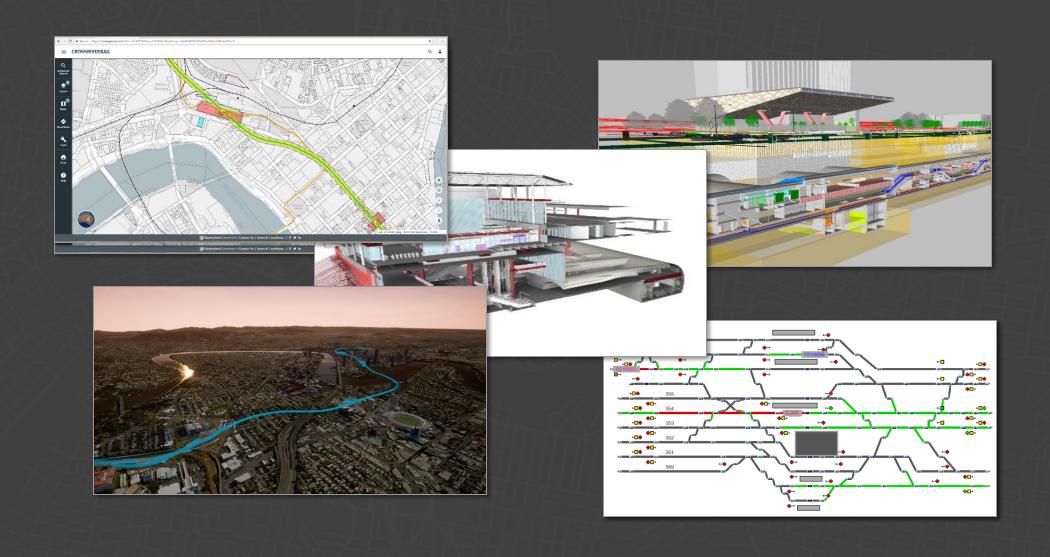


A Staged Approach to Risk Management

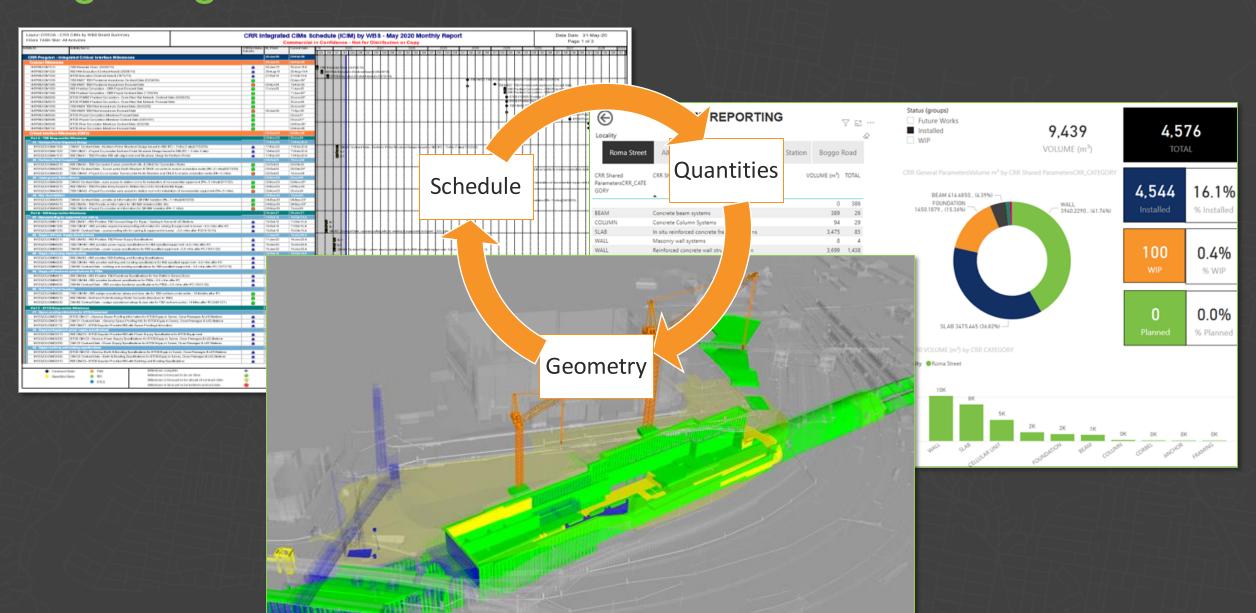




Leading the uptake of digital project management



Integrating traditional methods with new innovations



Integrating trusted methods with new



