



*A people-first, multi-disciplinary
infrastructure advisory and
consulting firm.*

Our Difference

Multi-disciplinary

We are a multi-disciplinary engineering, project management and environmental consultancy.

Experienced

We are experienced in small and large projects, and are brought together through shared passion for sustainable, safe project planning and delivery.

Results-driven

We are results-driven, bringing technical excellence, practical outcomes, collaboration and innovation to projects.



Snap Shot

3

Office Locations in
Melbourne,
Sydney, and
Brisbane

70+

People delivering
projects
throughout
Australia and the
South Pacific

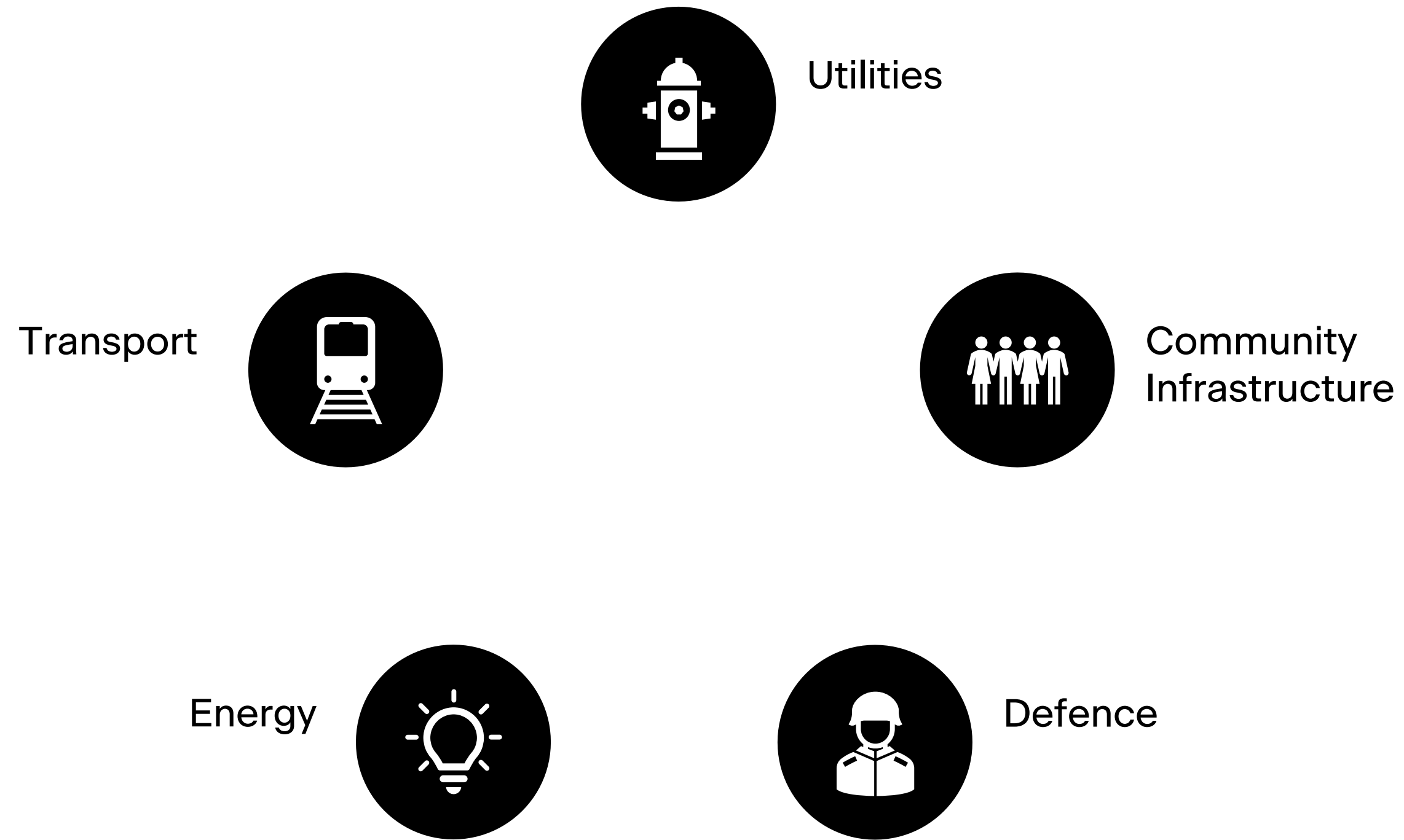
16+

Disciplines
working together

FSC Teams



FSC Sectors





Our Services

FSC provides services across the project life cycle



Our Engineering Design & Consulting team

- **Business case and feasibility**
- **Concept design**
- **Detailed design**
- **Value engineering**
- **Design management**

Our Specialist Project Advisory team

- **Procurement**
- **Specialist Project Delivery**
- **Estimating & Planning**

Our Environment & Sustainability team

- Site investigation planning
- Contaminated land assessment
- Environmental management
- Sustainability advisory
- NDD waste management

Our Project & Engineering Management team

- Project Management
- Project Engineering
- Engineering Management
- Planning & Project Controls
- Cost Management

Our Key People



John Fitzgerald
Principal, Design Management | FSC Link



Nathan Burmeister
Principal Structural Engineer | FSC Range



Julius Dowson
Principal Civil Engineer | FSC Range



Sharlott Misra
Principal, Design Management | FSC Link



Stuart Twelftree
Principal Environmental Engineer | FSC Environmental



Anthony Dean
Senior Structural Engineer | FSC Range



Andrew Rozycki
Senior Utilities Engineer | FSC Range



Rebecca Gerrish
Senior Design Coordinator | FSC Link



Adrian Khor
Design Manager | FSC Link

Our Key People



Dirk Slabbert
Principal, Project Controls | FSC Link



Jaco du Preez
Principal, Quantity Surveying | FSC Link



Josh Howells
Senior Project Manager | FSC Projects



Tom Barton
Principal, Staging, Constructability and Project Management | FSC Link



Matt Dalton
Senior Project Manager | FSC Link



Travis Baker
Principal, Project Management | FSC Link



Niall Keown
Senior Project Manager | FSC Link



Luke Camen
Project Manager | FSC Projects



Nik Mironov
Project Manager | FSC Link



Our Experience

Barwon Heads Road Upgrade

The Barwon Heads Road Upgrade project duplicates the existing road, enhances intersections along the corridor and removes a level crossing through a new road bridge. Additionally, walking and cycling connections are improved with new shared user paths and signalised intersections.

Client

BMD | Bild Group

Year

2021-2022

Location

Geelong, VIC

Value

\$360m+

Our Services

FSC undertook the topsoil assessment, soil classification and groundwater monitoring works across the two portions of the project. FSC also acted as the environmental/sustainability manager throughout the TOC/development phase and into project delivery.



Bridge Inn Road Upgrade

Duplicating 3.5km of Bridge Inn Road in Mernda, including new traffic lights and a bridge over the Plenty River.

FSC Achievements:

- Despite working remotely and minimal handover from client due to time pressures, FSC got to work quickly and engaged effectively with the project team
- Completing and recording design reviews on Bluebeam, ensuring comments were easily understood
- Providing MRPV with expert constructability reviews
- Successfully managing the critical path HV consent application process – allowing the program to be maintained
- Meeting or exceeding all design review deadlines

Client

Major Road Projects Victoria

Period

Nov 2021 - Feb 2022

Location

Mernda, VIC

Value

\$153m



Bridge Inn Road Upgrade - Enviro

The Bridge Inn Road Upgrade project duplicates the existing road, enhances intersections along the corridor and provides a second bridge across the Plenty River. Additionally, enhanced accessibility to the newly constructed Mernda Metro Station/overpass via walking and cycling connections with new shared user paths and signalised intersections.

Client

Laing O'Rourke

Year

2022 - ongoing

Location

Mernda-Doreen, VIC

Value

\$200m+

Our Services

FSC is the environmental consultant for the project, providing services including: Soil classification (pre-classification) – 70,000m³; Surface water monitoring, erosion & sediment control plan development; Water management plans – groundwater, dewatering; NDD management advice; and Engagement/liaison with MRPV, EPA Victoria and Melbourne Water.



Cranbourne Line Upgrade

Level crossing removal in Dandenong South involving an 8km rail duplication, three bridges and a major commissioning occupation

Our Achievements

FSC successfully launched the 63m long, 340 tonne bridge over Eumemmerring Creek, with the work nominated for environmental and safety awards.

We met every program deadline, despite the proximity of live trains and the limited work area.

We delivered all scheduled works during the major 30 day commissioning occupation – with zero safety incidents.

We completed scope within budget.

Client

McConnell Dowell

Period

Sep 2019 – Apr 2022

Location

Cranbourne, VIC

Value

\$250m



Gippsland Line Upgrade

Improving train services between Melbourne and Bairnsdale through level crossing upgrades, track duplications, additional platforms and overpasses, and modifying stations, car parks and pedestrian access.

Our Achievements

FSC quickly gained an understanding of the project's large footprint and numerous work areas, rapidly responding to urgent occupation-related RFIs.

We used constructability expertise to assess constructability issues and assist designers develop practical and cost-effective solutions.

We built excellent relationships with V/Line, designers and the delivery team.

We freed up design time.

Client

Arup

Year

2022

Location

Victoria

Value

\$500m



Hallam Level Crossing Removal

The level crossing at Hallam Road, Hallam was removed with a rail bridge. The project also included demolishing the old station and constructing a new elevated station.

Client

SEPA | Laing O'Rourke

Period

Feb – Jun 2022

Location

Hallam, VIC

Value

\$248m

Our Achievements

FSC leveraged the team's substantial knowledge of DDA, MTM and building survey requirements to accelerate station works, ensuring the station opened on schedule.

We helped overcome industry resource shortfalls through working day, night or split-shifts, as required. We staged station works shift-by-shift, allowing efficient management of multiple work crews and interfaces.

We delivered with zero safety incidents.



Hazelwood Coal Mine Rehabilitation

FSC has an ongoing relationship with the Hazelwood Mine Rehabilitation project, which began in 2017 following the closure of the Power Station.

Our Services

- The design management of ash pond/landfill caps and EPA & Auditor approvals.
- Cost estimation of civil & environmental rehabilitation projects.
- Landfill capping superintendent – four ashpond landfills.
- Project manager/supervisor for the mine de-watering drilling program and installation of associated pipework's. The project includes the installation of over 15 large diameter bores to a maximum depth of 280m.

Client

Engie

Year

2017-2023

Location

Latrobe Valley, VIC

Value

\$100m+



Hinkley Point C Nuclear Power Station

Hinkley Point C nuclear power station (HPC) is a project to construct a 3,200 MWe nuclear power station with two EPR reactors in Somerset, England. Our team provided commercial, planning and project management advise and support to a water treatment contractor involved on the project

Client
Ovivo UK

Year
2019

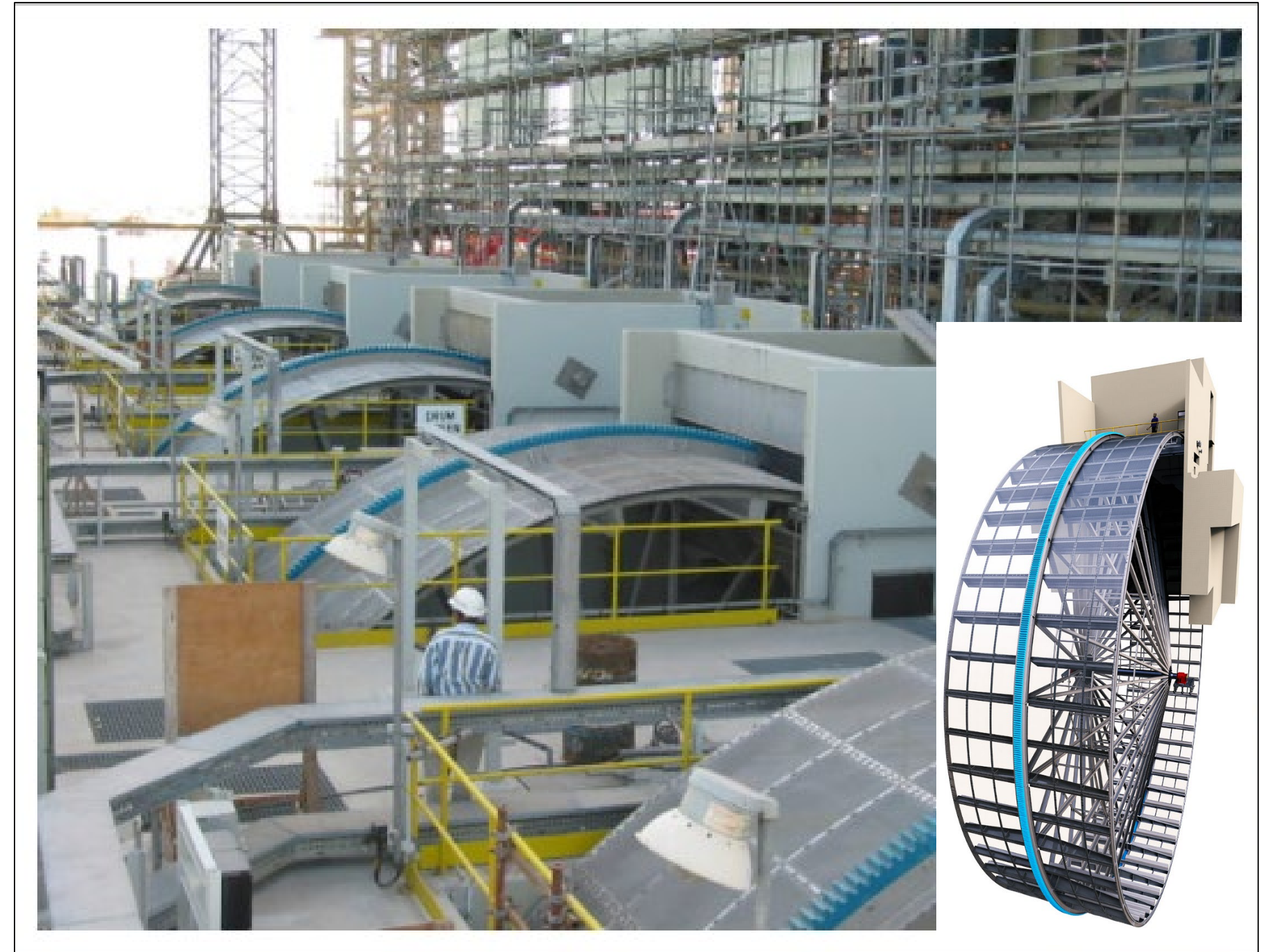
Location
Hinkley, UK

Value
£150m+

Our Services

The initial services included an analysis of the contract documents, existing program and costing system. As part of the analysis, risks and shortfalls were identified, and a report provided to the contractor's executive management team outlining recommendations to contain costs and program overruns.

Our team was then appointed to implemented these recommendations by assisting the contractor's site team to: Compile and resource load the program to be contractually compliant, Providing commercial advice by compiling and successfully demonstrating extension of time claims, Implementing an Earned Value (EV) management system on the project, Mentoring and training the project team, and Periodic audits to ensure the recommendations were implemented and/or adapted to ensure a successful project outcome.



M7-M12 Integration Project

M7-M12 Integration and Delivery is a market-led proposal, submitted to the NSW Government by WSO Co – a joint venture comprising Transurban Group, Queensland Investment Corporation and Canada Pension Plan Investment Board. The proposal is to widen sections of the M7 and connect it to the future Western Sydney Airport precinct via the future M12 motorway.

Client

John Holland

Year

2022

Location

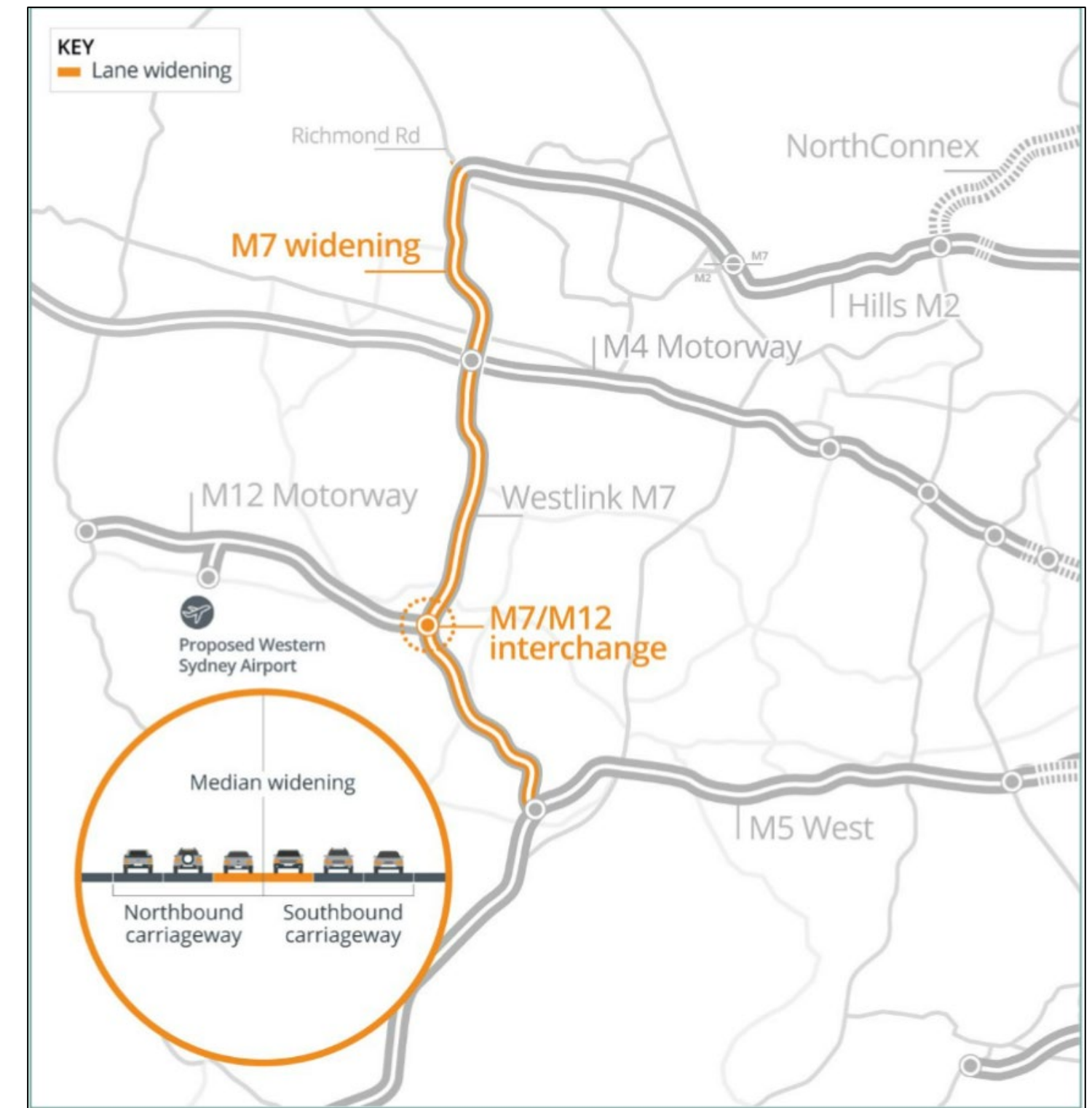
Sydney, NSW

Value

\$1.5 billion+

Our Services

FSC provided fulltime planning and programming support and advice during the tender phase of the project.



M80 Northern Upgrade

The M80 Northern added new lanes between Sydney Road and Edgars Road, a smart freeway lane management system, and new on- and off-ramps.

Our Achievements

Despite COVID impacts and multiple packages needing to be completed simultaneously, FSC assisted to complete works ahead of program and achieved all inspection KPIs.

Traffic management proceeded with minimised disruption to public while maintaining traffic volumes. There were no delays to the public during traffic switching campaigns.

We gained approval to reduce earthworks testing frequency, reducing costs and potential delays.

All work-lots closed-out before scheduled finish date.

Client

MRVP

Period

Oct 2021 – Apr 2022

Location

Geelong, VIC

Value

\$518m



Melbourne Airport Rail – Sunshine to Albion Package (Tender)

Tender submission for Melbourne Airport Rail Sunshine to Albion. The project includes new rail lines, viaducts, station carparks and upgrades to Sunshine Station.

Client

Gateway Alliance

Period

Dec 2021 – Feb 2022

Location

Sunshine, VIC

Value

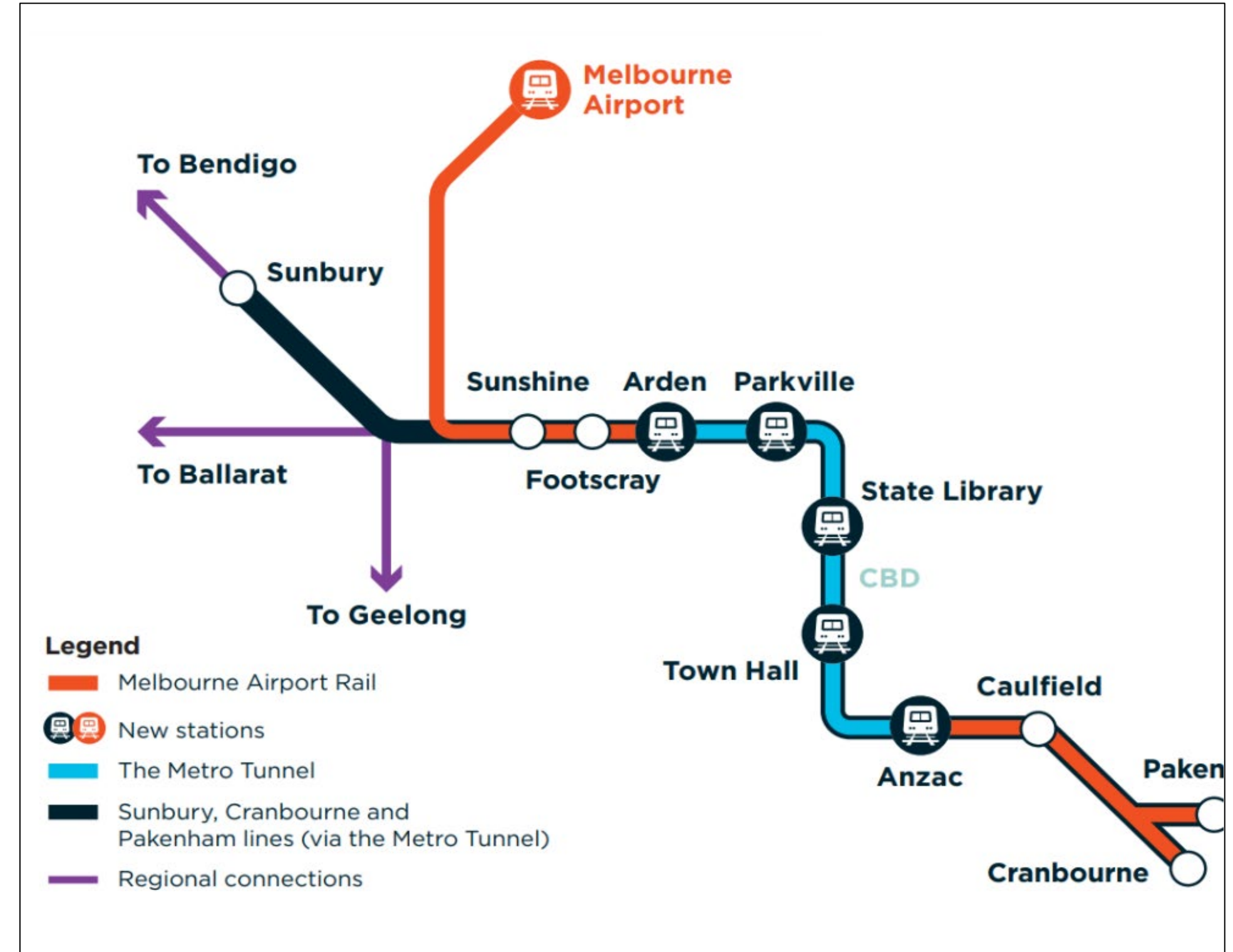
\$1b (project value)

Our Achievements

FSC undertook a comprehensive analysis of contamination extent, liaising with multiple disciplines to generate design improvements.

Leveraging strong relationships with civil contractors to quickly receive accurate pricing.

Supporting the delivery on comprehensive tender, on time.



Narre Warren Cranbourne Road Upgrade

The Narre Warren Cranbourne Road Upgrade project duplicates the existing road and enhances intersections along the corridor. Additionally, Narre Warren-Cranbourne Road will become the straight-through movement when travelling north from South Gippsland Highway, reducing traffic on Cranbourne's High Street and improving travel through Cranbourne.

Client

McConnell Dowell

Year

2022 - ongoing

Location

Cranbourne, VIC

Value

\$200m+

Our Services

FSC was engaged to: manage the entire sustainability process and achieve an Excellent rating on the project (score >65); finalise the sustainability management plan for a full ISC rating; develop the weightings assessment and base-case assessments; and engage with and manage ISC and MRPV requirements throughout the project.

FSC is providing full-time planning and programming support and advise during the execution of the project.



Princess Highway East Road Upgrade

The Princess Highway East Road Upgrade project (Phase 3) is the final phase of a decade-long duplication project through the Latrobe Valley, enhancing road safety on a significant piece of state infrastructure. Phase 3 includes the Flynn, Kilmany and Kilmany East sections (approx. 12km total) and also includes construction of a rail underpass (Kilmany section) and multiple intersection upgrades.

Client

Bild Group | Whelans Group

Year

2020 - 2022

Location

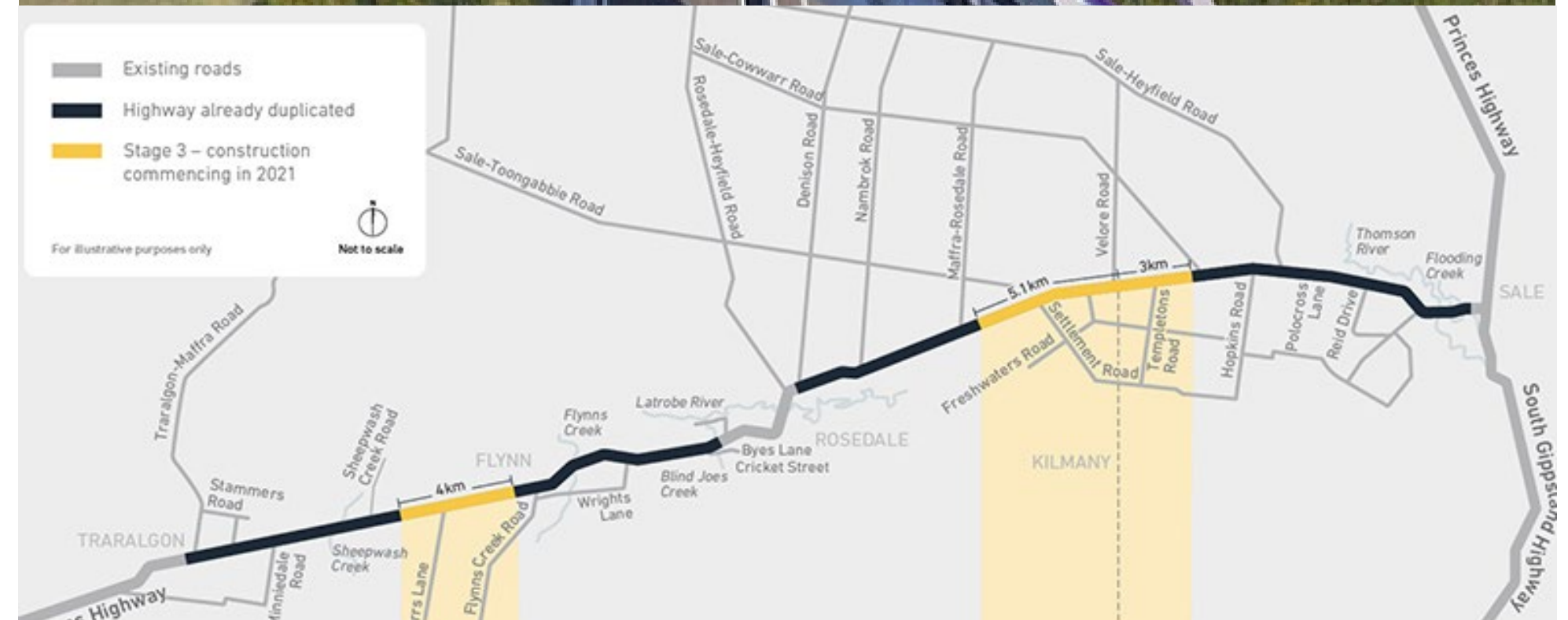
Traralgon-Sale, VIC

Value

\$80m+

Our Services

FSC was engaged by Bild-Group and WGI from the tender/TOC phase and through delivery to: develop overarching sustainability management and recycled first plans to MRPV requirements; produce and deliver project team training; develop base-case modelling for energy/water for comparison to design/as-built actuals; lead climate change risk assessment and project adaptations; develop evidence tracking requirements for sustainability assessment; and prepare audit documentation and lead sustainability audits – internal/external.



North East Link Secondary Package

The North East Link is the biggest ever investment in Melbourne's north-east. As part of the program, the Secondary Package include a major overhaul to the Eastern Freeway, including a new bridge at Bulleen; Melbourne's first dedicated busway linking Doncaster; a fast-tracked park and ride in Bulleen and Shared User Path upgrades which includes two new bridges.

Client

CPB

Year

2022

Location

Melbourne, VIC

Value

\$2 billion+

Our Services

FSC provided fulltime planning and programming support and advice during the tender phase of the project.



Union & Mont Albert Level Crossing Removal

Removing two level crossings at Union Rd, Surrey Hills and Mont Albert Road, Mont Albert. The project involves lowering the rail line into an open trench and building a new premium station.

Our Achievements

Prior to FSC's engagement, the project team had a strained relationship with Melbourne Water (MW) due to poor communication and works impacting on MW assets. FSC implemented fortnightly construction meetings to update MW on construction work and future permit requirements, with all works and approvals impacting MW communicated solely through FSC. Better interface management and communication revived the relationship with MW, with the Level Crossing Removal Project commending the team for their collaboration with the authority.

Client

Laing O'Rourke

Year

2022

Location

Mont Albert, VIC

Value

\$631m





Thank you

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