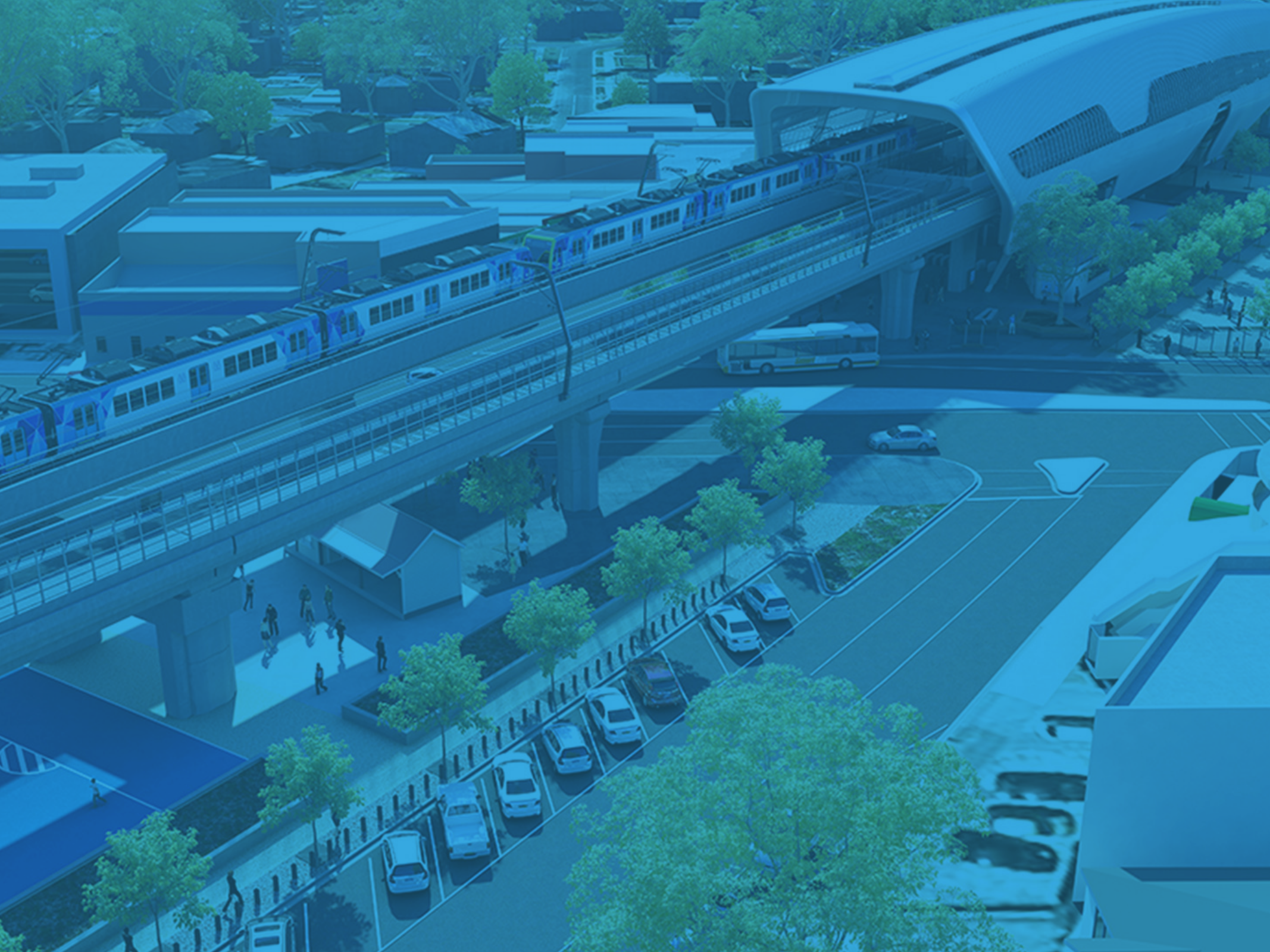








|                            |                |
|----------------------------|----------------|
| <b>Why Agonis?</b>         | <b>4 - 5</b>   |
| <b>Agonis Service Tree</b> | <b>6 - 7</b>   |
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| <b>Projects</b>            | <b>10 - 17</b> |
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“

**Our differentiator is found in our approach, harnessing the intellectual horsepower of the Group and using it in a systems based manner on all of our services and assignments to step - change project and business performance.**

Step-changing infrastructure project and business performance was the reason for founding Agonis Group. We harness the collective intellectual knowledge of our team in a systems based manner to significantly improve project outcomes for government and private sector clients.

Leveraging our experience and understanding practical risk application is improving stakeholder interface management, driving costs down, and providing surety in meeting and exceeding project objectives.

Agonis Group provides leadership through our people who share a passion for intellectual knowledge transfer – resulting in enhanced client outcomes, as a key differentiator of our business model.

Rail, road and power are key aspects of our technical background, and our construction and maintenance expertise and unique management approach embeds the Agonis “tree” capability across multiple services and sectors, as clients discover the value we provide in project development and delivery.





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## Executive Management

- Peer Reviews
- Organisational Reform
- Business Acquisitions
- Management Transitions
- Cultural Change

## Project Management & Leadership

- Project Management
- Construction and Site Management
- Commercial and Claim Management
- Project Health Reporting
  - Project Controls
  - Scheduling
- Risk Management
- Workshop Facilitation



## Technical & Engineering Services

- Technical and Peer Reviews
- Constructability and Value Engineering
- Systems Assurance
- Design Management
- Value Engineering
- Innovation & Optioneering Assessments
- Asset Management
- Technical & Specification Development

## Project Development

- Feasibility
- Business Cases
- Constructability and Deliverability
- Value Engineering
- Estimating
- Risk Management
- Strategic Procurement
- Tender & Submission Management



## JOE ANGELUCCI

- **Associateship in Civil Engineering**
- **Fellow of Engineers Australia (FIE)**
- **Chartered Professional Engineer (CPEng)**

One of the significant leaders in the Infrastructure industry, Joe has successfully developed and delivered projects and created high performing businesses in a career spanning 35 years.

Prior to Agonis Group, he spent 23 years at John Holland Pty Ltd where he held roles including Key Account Manager, Director Rail Projects, General Manager Rail West and General Manager Operations.

During this time Joe was instrumental in the formation of the John Holland Rail Division, providing business development, tendering and project management services to the team and was involved in growing rail plant services to be the largest in the Australian private sector. Joe was also an Advisor and Member on numerous Joint Venture and Alliance Leadership teams.



## OWEN CHEEK

- **B. Eng. Civil (Hons.)**
- **M.B.A**
- **Dip. of Project Management**

From project manager on the iconic Alice Springs to Darwin rail project through to Deputy Contract Director on the Sydney Metro North West program, Owen is using his 20 years of multidisciplinary experience to drive continuous improvement in the development and delivery of our clients' projects.

He is an excellent communicator who has a talent for articulating complex problems in a succinct manner.

As a Project Management Practitioner, Owen has presented papers to Industry within Australia and internationally on the "road map" to project success. Owen is the lead for project management systems within Agonis Group.



## ADAM MORRIS

- **B. Eng. Civil (Hons.)**
- **Dip. of Project Management**

With over 17 years' experience in railway infrastructure design, construction and asset management, Adam is renowned within the rail industry as a high performer. He is an award winning engineer and an expert in construction and staging of works in brownfield railway corridors.

His work in navigating construction staging on the complex \$600M Regional Rail Link (City to Maribyrnong River) project resulted in it being completed 6 months ahead of schedule and significantly under budget.

Adam leads the unique Agonis Group systems based approach to intellectual knowledge sharing delivering benefits to all our employees and clients.



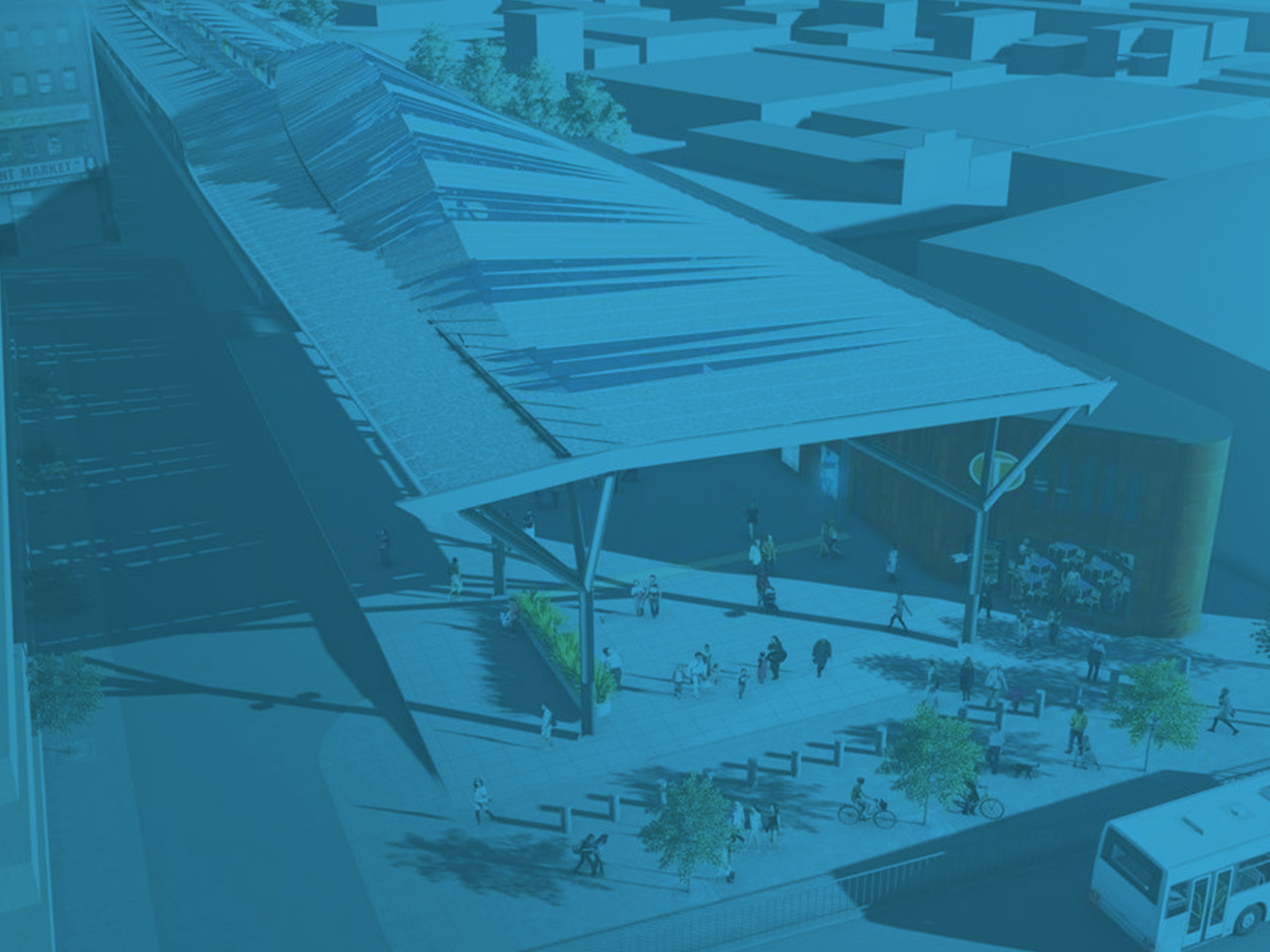
## GREG RUSH

- **B. Eng. Civil**

Over 31 years of infrastructure experience in both construction and maintenance has provided Greg with strong project management expertise and has provided the basis of his successful executive management career within both private and public sectors.

Greg has a passion for improving project outcomes through early identification of risk. He is a leader of people, aligning individuals and stakeholders with project and business objectives to achieve powerful results.

He has worked across all forms of contracts and funding mechanisms, and possesses strong commercial and project management acumen to deliver projects under budget and within program.





## LEVEL CROSSING REMOVALS

|          |   |
|----------|---|
| CLIENT   | Level Crossing Removal Authority  |
| LOCATION | Victoria  |
| SERVICES | Construction Planning, Project Management, Constructibility, Interface Management, SME Technical, Procurement |
| BUDGET   | \$6B  |
| DATE     | Current   |

We are providing strategic planning and procurement services across a program of work that includes the removal of forty level crossings in Melbourne. Our multidisciplinary construction expertise and knowledge is being used to inform the design and provide solutions to risk much earlier in the project life cycle.

## SYDNEY METRO SURFACE VIADUCT & CIVIL CONTRACT

|          |   |
|----------|---|
| CLIENT   | TfNSW   |
| LOCATION | New South Wales   |
| SERVICES | Construction Planning, Project Management, Project Controls |
| BUDGET   | \$400M  |
| DATE     | Current   |

We have provided the Deputy Contract Director for the Sydney Metro North West Surface Viaduct and Civil contract. The position required development and implementation of a strategic delivery plan and oversight of the contractor. It includes communication to the project executive management team and Sydney Metro Board, along with interface management with other government agencies and the related tunnelling and rail systems contracts within Sydney Metro North West.



## MERNDA RAIL EXTENSION

|          |  |
|----------|--|
| CLIENT   | Level Crossing Removal Authority                                     |
| LOCATION | Victoria   |
| SERVICES | Construction Planning, Project Management,<br>Estimating Procurement |
| BUDGET   | TBC  |
| DATE     | Current  |

We have been commissioned to provide planning services for the reference design and procurement of the proposed Mernda Rail Extension in Melbourne. The Project is in the early stages of development. It consists of a new duplicated railway between South Morang and Mernda. It includes four new grade separations, two stations, a train stabling facility and a key transport interchange on the Metro rail network.



## STREAMLINING HODDLE STREET

|          |  |
|----------|--|
| CLIENT   | VicRoads   |
| LOCATION | Victoria   |
| SERVICES | Construction Planning, Constructibility, Procurement |
| BUDGET   | TBC  |
| DATE     | Current  |

We have been engaged to assist with the business case development and procurement model assessment for the streamlining of Hoddle Highway (Hoddle St and Punt Rd). The road corridor covers a route length of 8km, providing a vital link for Melbourne's connectivity. Proposals for improving traffic flows and safety are currently being investigated prior to the procurement phase. This project is also vital in supporting additional by-pass traffic management that will be necessary during the construction of the Melbourne Metro Rail project.



## CARRAPATEENA RAILWAY

|          |   |
|----------|---|
| CLIENT   | AECOM                                   |
| LOCATION | South Australia                         |
| SERVICES | Construction Planning, Constructibility |
| BUDGET   | Confidential                            |
| DATE     | October 2015                            |

Agonis Group provided full rail constructibility and construction planning for OZ Mineral's proposed Carrapateena Railway to service its mine at Prominent Hill. The new heavy haul 300km railway to the copper/gold mine is located in North West South Australia and is proposed to increase serviceability and increase mine productivity. This study is informing the business case for the proposed development.



## MELBOURNE UNDERGROUND RAIL LOOP

|          |  |
|----------|--|
| CLIENT   | Arup                                     |
| LOCATION | Victoria                                 |
| SERVICES | Construction Planning, Constructibility, |
| BUDGET   | Confidential                             |
| DATE     | 2015                                     |

Construction planning during the development of the design solution to replace fire services within the Melbourne Underground Rail Loop.

Our advice provided the rail operator and contractors with a detailed safe and efficient methodology. that ensured works could be successfully delivered on time within the complex and access-constrained environment of the Melbourne Underground Rail Loop.



## ARNCLIFFE STATION UPGRADE

|          |   |
|----------|---|
| CLIENT   | Arcadis - TfNSW                         |
| LOCATION | Arncliffe                               |
| SERVICES | Design Management, Interface Management |
| BUDGET   | Confidential                            |
| DATE     | 2015                                    |

We were engaged to provide interface management to facilitate an efficient design for construction. Additional activities included risk management and management plan production that successfully supported an accelerated programme of work.



## WICKHAM TRANSPORT INTERCHANGE

|          |                                     |
|----------|-------------------------------------|
| CLIENT   | Arcadis - TfNSW                     |
| LOCATION | Wickham, NSW                        |
| SERVICES | Design Management, Safety Assurance |
| BUDGET   | \$73M                               |
| DATE     | 2015 - 2016                         |

Following our successful assignment at Arncliffe, we have been engaged to provide Safety Assurance for the integration of new and existing signalling and communication systems. The assignment involves assisting with design development and has received an independent commendation of the Safety Assurance process being implemented by Agonis Group.

When complete the Interchange will provide connectivity between the existing train network, a new light rail system and new bussing.



## OLYMPIC DRIVE BRIDGE

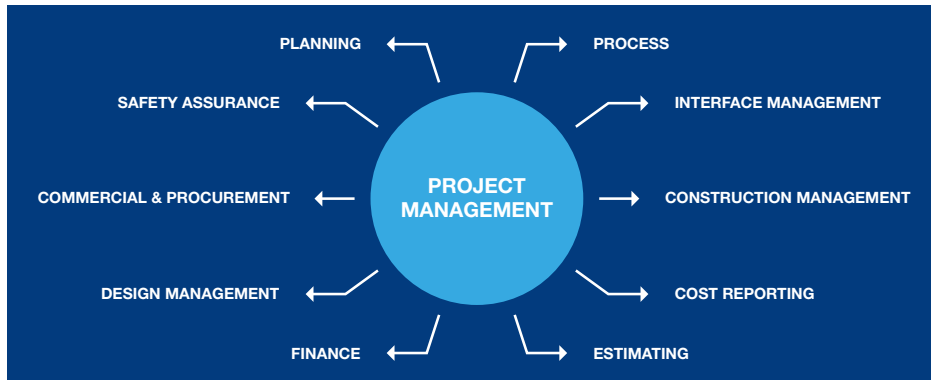
|          |  |
|----------|--|
| CLIENT   | Sydney Trains  |
| LOCATION | Sydney Metro   |
| SERVICES | Construction Planning, Project Management, Constructibility, Risk Management, Project Controls, Business Improvement |
| BUDGET   | \$50M  |
| DATE     | December 2013 to May 2014  |

Initially a risk and peer review for the proposed reconstruction of the Olympic Drive bridge. Agonis, recommendations for improvement were implemented. Our engagement was extended to provide in-field oversight of planning and execution that assisted in successful construction and commissioning. We provided key recommendations for future project management improvement which have been initiated by the business. The Project received a number of engineering excellence awards..

## MASTER SERVICES FRAMEWORK

|          |   |
|----------|---|
| CLIENT   | Sydney Trains   |
| LOCATION | Sydney Metro  |
| SERVICES | Procurement, Commercial, Project Management, Business Improvement |
| BUDGET   | Confidential  |
| DATE     | June 2014 to October 2014   |

We provided project management and commercial input into the establishment of a Master Services Framework. This was an initiative by the Major Works Division to facilitate more efficient industry contracting services that has resulted in a collaborative contract model that now drives economies within the business.



## PROJECT & CONSTRUCTION MANAGEMENT FRAMEWORK

|          |  |
|----------|--|
| CLIENT   | Sydney Trains                            |
| LOCATION | Sydney Metro                             |
| SERVICES | Project Management, Business Improvement |
| BUDGET   | Confidential                             |
| DATE     | Ongoing                                  |

We were commissioned to assist in the development of a project and construction management framework for the Major Works Division. This business unit delivers \$550M of construction and renewal works annually across multiple projects in a highly transactional environment. We have assisted with development of a management framework and introduced industry-leading practice project management systems tailored for the unique nature of the business.

## BROOKFIELD RAIL MAINTENANCE CONTRACT

|          |                             |
|----------|-----------------------------|
| CLIENT   | Brookfield Rail             |
| LOCATION | Western Australia           |
| SERVICES | Procurement, Commercial     |
| BUDGET   | Confidential                |
| DATE     | March 2015 to November 2015 |

The Brookfield Rail Network in Western Australia extends over 5,500km making it one of the largest regional rail networks in Australia. Brookfield Rail recently completed a review of its rail infrastructure maintenance operations and Agonis Group partnered with Tracey Brunstrom & Hammod (TBH) to provide advice and develop documentation for market engagement for outsourcing rail infrastructure maintenance operation.

Brookfield Rail subsequently extended our services to other projects.



## REGIONAL RAIL LINK ALLIANCE

|          |   |
|----------|---|
| CLIENT   | Regional Rail Link Authority  |
| LOCATION | Melbourne City to Maribyrnong River, Victoria                                 |
| SERVICES | Construction Planning, Project Management, Value Engineering, Risk Management |
| BUDGET   | \$600M  |
| DATE     | 2013 - 2014   |

This award winning project was the most complex of the five packages delivered by the Regional Rail Link Authority involving the construction of bridges, formation, track, signalling and overhead wiring on, alongside, over and under the high density electrified network between Southern Cross Station and Footscray. We provided key construction planning that resulted in the Project being delivered 6 months ahead of schedule and significantly under budget.

## GRADE SEPARATIONS

|          |   |
|----------|---|
| CLIENT   | VicRoads  |
| LOCATION | McKinnon, Centre, Grange & Poath Roads, Victoria        |
| SERVICES | Constructibility, Construction Planning, Business Cases |
| BUDGET   | Confidential  |
| DATE     | January 2015 - March 2015                               |

Agonis Group were commissioned to provide construction planning and constructibility assessments for the removal of road and rail crossings at McKinnon and Centre Roads in Melbourne as part of an accelerated programme. The success of this work led to the extension of the assignment to assist with business case assessments for the grade separations at Grange and Poath Roads.

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Agonis Group people have been instrumental in the development and delivery of some of the largest and most successful infrastructure construction and maintenance projects undertaken in Australia and internationally. Our project experience extends over 21 years from the “One Nation” gauge standardisation in 1994, through to the \$1.6B ARTC South Improvement Alliance. A small selection of projects include:

- BHP Renewal and Construction Projects WA (Various)
- Regional Fast Rail (Geelong, Ballarat, Bendigo and Latrobe Valley)
- Mildura Line Upgrade (Victoria)
- Boronia Road Grade Separation (Melbourne)
- Geelong Rail Access Improvement Project
- ARTC South Improvement Alliance (Melbourne to Sydney)
- Alice Springs to Darwin Railway
- Rail Revitalisation Project (Adelaide)
- Channel Tunnel Rail Link (United Kingdom)
- Sydney Airport Link
- Middleborough Road Rail Separation Project (Melbourne)
- Springvale Road, Nunawading Grade Separation (Melbourne)
- Southbank Light Rail Facility (Melbourne)
- Light Rail track, overhead, and civil program renewals (Melbourne)
- Ten year program of metro rail system renewals (Melbourne)
- South Morang Rail Extension Project (Melbourne)
- PTC South West Asset Management & Maintenance (800km)
- Melbourne Franchise Asset Management Planning



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