

---

# Anthony Wood—

Associate Director

---

## Experience Overview—

Anthony has over 20 years engineering experience covering: Planning, Feasibility, Concept, Detailed Design and Delivery of Highway and Civil Infrastructure Projects. He has extensive experience in: Project Management; Design and Planning of complex urban and rural road projects and associated infrastructure.

### Project Director

- NorthLink WA – Tonkin Grade Separations and Swan Valley Bypass Project Development services

### Alliance Management Team

- Gateway WA – Perth Airport and Freight Access Project – Delivery
- Perth Freight Link – Roe Highway Extension and Port Connection – AMT Representative tender design and DCT development

### Design Manager

- Gateway WA – Perth Airport and Freight Access Project – Project Development
- Reid Highway – West Swan Road to Great Northern Highway
- Leighton Abigroup JV – Gateway Upgrade Project Qld

### Project Manager/ Team Leader

- Southern Gateway Alliance - New Perth Bunbury Highway (DCT phase)
- Westlink M7 – Western Sydney Orbital - NSW
- Various Main Roads WA – “ETS” Projects
- Ore Body 18 Access Road - BHP
- KCGM – Kalgoorlie Loopline Tourist Railway
- Avalon Mine Site – Lionore Development
- Geraldton Southern Transport Corridor – Stage 1 and 2
- Geraldton Port Precinct Traffic Planning Study
- Frankston City Council Various Infrastructure Projects, Melbourne



### Position—

Associate Director, BG&E Pty Limited

### Qualifications—

- MEng  
Master of Engineering
- MIEAust CPEng NER RPEQ

### Career Milestones—

- 2011 / Appointed Associate Director and Executive Leadership Team BG&E
- 2009 / Appointed Associate BG&E
- 2007 / Principal BG&E Pty Limited
- 2000-2007 / Snowy Mountains Engineering Corporation (SMEC)
- 1999 / Frankston City Council
- 1994-1999 Gifford & Partners, Southampton, UK

---

# Anthony Wood—

Associate Director

---

## Detailed Project Experience—

2007 - 2017

BG&E Pty Limited

### ***Ipswich Motorway QLD - Rocklea to Darra – (ECI Tender Bid)***

- Tender bid phase for the ECI for the stage 1 upgrade of the Ipswich Motorway from Granard Road to Centenary Motorway. The project included widening of the motorway to 6 lanes and raising to improve flood immunity as well as local ramp and intersection modifications to improve capacity and reliability of the network. Anthony was the civil lead for the bid phase of the project.

### ***Pacific Highway NSW – Woolgoolga to Ballina – Package A Design Verification***

- Detailed design phase for the Pacific Complete Managing Contract design of the Pacific Highway Upgrade between Woolgoolga to Ballina (Package A). Anthony undertook internal verification of civil related aspects of the project.

### ***NorthLink WA – Tonkin Grade Separations and Swan Valley Bypass (Project Development) - \$1.1Bn***

- BG&E was commissioned by Main Roads WA to undertake project development for the \$1.12B NorthLink WA project comprising the Tonkin Grade Separations Project (Guildford Road to Reid Highway) and the Swan Valley Bypass (Reid Highway to Brand Highway / GNH at Muchea). The project covered both urban and rural environments requiring a broad range of solutions to meet differing social, environmental and technical challenges. As Project Director, Anthony was responsible for the overall leadership of the team and management of project and commercial risks and opportunities.

### ***Gateway WA – Perth Airport and Freight Access Project (Delivery) - \$1.0Bn***

- \$1Bn upgrade of Tonkin Highway, Leach Highway and Roe Highway to facilitate a major new access to Perth's consolidated airport terminal as well as improving access for freight in and around the Kewdale industrial precinct. Anthony was a member of the Alliance Management Team (AMT) leading the project's strategic planning and approvals to transition from project development to project delivery. Anthony led the approval required with Perth Airport and Air Services Australia to accommodate the permanent works and construction licences to facilitate the safe construction within the flight path on Perth's operating international runway. Anthony led the due diligence process for approvals and agreements on the project to facilitate planning, design and construction.

### ***Gateway WA – Perth Airport and Freight Access Project (Project Development)***

- Planning and Design Manager leading the Gateway Vision team to deliver the ultimate planning concept for the upgrade of Tonkin Highway and associated interchanges between GEH and Roe Highway and the extension of Leach Highway from Orrong Road to the future consolidated airport terminal. The project includes the management of complex issues, multiple stakeholder interfaces, management and successful delivery of key project approvals, including the development of Project Master Plan and business case to secure funding for the first stage of this \$1B project.

### ***Mitchell Freeway CD Roads (Hutton Street to Karrinyup Road) - City of Stirling Redevelopment Planning Study***

- Project Manager for the design and planning of a collector – distributor (CD) road system to serve access to and from Mitchell Freeway for the future development of the City of Stirling regional centre. This project included extensive consultation with key stakeholders within the Stirling Alliance, traffic analysis, freeway design, and development of land protection plans to support an MRS amendment.

---

# Anthony Wood—

Associate Director

---

## ***Reid Highway - West Swan Road to Great Northern Highway***

- Design Manager for the design of 4km of Highway upgrade including the design of a new 230m span bridge across the Swan River. Technical aspects of the project include variable ground conditions at the Swan River Bridge site and complex traffic management to facilitate reconstruction of the existing Great Northern Highway / Roe Highway intersection.

## ***Brockman 4 Project B2 to B4 Mine Access Road***

- Project Leader for the design of a 28km rural access road linking the existing Brockman B2 site to a new mine site B4. This project formed a component of the 320Mt Rail Project.

## ***Pilbara Iron – 320Mt Rail Expansion Project – Rail Drainage***

- Project Manager responsible for undertaking a Preliminary Engineering Study for drainage design associated with the duplication of the existing Pilbara Iron Rail. The drainage design was undertaken in association with the Calibre Engenium Joint Venture, for the Cape Lambert to Emu siding and Bellbird to Juna Down siding sections of the 320Mt Rail Expansion Project.

## ***BHP Billiton – Ore Body 18 Mine Access Road***

- Project Manager for the design of an access road to BHP's Ore Body 18 site in Newman. The project included design of roadworks, associated infrastructure and assistance with preparation of contract documentation

## ***Reid Highway – Tender Design***

- Highway design team leader for the tender design of the Reid Highway extension between West Swan Road and Great Northern Highway. The project included modifications to the existing TSC intersections and development of traffic staging to accommodate construction under traffic.

## ***Mitchell Freeway – Hodges Drive to Burns Beach Road***

- Senior Engineer responsible for managing the design and checking of civil aspects of the project including, freeway, drainage and road furniture design. The project is an extension of the existing Mitchell freeway and includes design and construction of two new grade separated interchanges, 3.9km extension of the freeway, realignment of the existing PTA northern suburbs railway and extension of the shared path network along the length of the freeway extension. The freeway design includes design of future works north of Burns Beach Road.

## ***Davis Road / Rail Grade Separation Kelmscott***

- Project Manager for the preliminary design of a road rail grade separation at Davis Road in Kelmscott. The project includes the design of a new road alignment, two traffic signalled controlled intersections, modifications to an existing traffic signal controlled intersection and relocation of existing services. The rail design works include realignment of the existing Perth to Armadale passenger railway and design of associated accommodation works in close consultation with PTA.

## ***Kununurra Heavy Vehicle Route – Route Definition Study and Preliminary Design***

- Project Manager for the route selection, definition study, and preliminary design of a proposed heavy vehicle route to the north of Kununurra townsite along the National Victoria Highway. The route definition study includes a review of previous planning work and traffic studies and an evaluation of alternative route options to provide recommendations for a preferred route alignment. The preliminary design includes the design of 29km of rural highway and design of a major bridge crossing of the Ord River to the north of the existing Kununurra diversion dam.

---

# Anthony Wood—

Associate Director

---

## **Main Roads WA – Various ETS Projects**

- Senior Engineer and Project Manager for various minor design projects including rural intersection upgrades, general highway upgrades, and roadside facilities.

## **Hackett Drive Roundabout Crawley**

- Project Manager responsible for the design of a new roundabout between Australia II Drive and Hackett Drive in Crawley. The project was funded under the state Black Spot funding scheme

## **Previous Project Experience—**

### **2000 – 2007      Snowy Mountains Engineering Corporation (SMEC)**

- *Kalgoorlie Consolidated Gold Mines – Kalgoorlie Loophole Tourist Railway*
- *Southern Gateway Alliance – New Perth Bunbury Highway DCT Phase*
- *Leighton Abigroup Joint Venture – Gateway Upgrade Project (Queensland)*
- *VicRoads – Design Support for Various Road Design Projects*
- *Pacific Highway Yelgun to Brunswick – Stage 2 Road Safety Audit*
- *Avalon Mine Site – Lionore Development, Kalgoorlie*
- *Phulbari Coal Project – Bangladesh*
- *Great Eastern Highway Sawyers Valley – Design and Construction Support*
- *Geraldton Southern Transport Corridor – Geraldton, Western Australia*
- *M7 – Western Sydney Orbital – Sydney*
- *Tonkin Highway Extension (Mills Road to Thomas Road) Tender Design*
- *Tonkin Highway Experimental Noise Wall*
- *Broome Highway Planning Study*
- *Geraldton Port Precinct Traffic Planning Study, Western Australia*
- *Geraldton Southern Transport Corridor Stage 2, Western Australia*
- *Kwinana Freeway Interchanges and Extension, Design Verification*
- *Kalgoorlie Eastern Bypass and Mt. Monger Access Road*

### **1999              Frankston City Council, Melbourne Victoria**

- *Project Manager responsible for the management of a number of projects covering highway, building, landscaping, design and construction for Frankston City Council*

### **1994 – 1999      Gifford & Partners – Southampton (UK)**

- *A487 North Wales Link Road Improvement, North Wales*
- *M60 Motorway Orbital Ring Road, Manchester*
- *Kingston Bridge Phase 1 Strengthening, Glasgow*

---

# Anthony Wood—

Associate Director

---

- *A406 North Circular Road Improvement Scheme, North London*
- *Kwai Chung Highway Viaduct, Hong Kong*