

## Andrew Guy BARTLETT Curriculum Vitae

<b>1. Education:</b>	Professional Certificate in Asset Management Planning; Institute of Public Works Engineering Australasia - 2018 Certificate of Higher Education (Cert. H.E.) - Environmental Engineering; University of the West of England, United Kingdom - 2001 Diploma of Higher Education (Dip. H.E.) – Architecture; University of Portsmouth, UK -1997			
<b>2. Membership of Professional Associations:</b>	<b>Member</b> - Institute of Public Works Engineers Australasia (IPWEA) New Zealand <b>Member</b> - Engineering New Zealand (MEngNZ)			
<b>3. Other Training:</b>	Institute of Public Works Engineering Australasia New Zealand Digital Badging (TM401) Traffic Estimation and Strategy - 2021 Waka Kotahi NZTA Site Traffic Management Supervisor (STMS1) - 2021 APMG Better Business Cases Registered Practitioner - 2020 Waka Kotahi NZTA Safe Systems Engineering - 2016 Waka Kotahi NZTA Road Safety Barrier Systems Installation, Maintenance, and Inspection (IMI) -2014 NZIHT Understanding NZS:3910-2003 Conditions of Contract – 2012 Construction Skills Certification Scheme (UK) Managers Health and Safety - 2007 Royal Society for the Prevention of Accidents (UK) Advanced Road Safety Engineering - 2006			
<b>4. Countries of Work Experience:</b>	United Kingdom, France, Malta, Germany, Austria, Switzerland, New Zealand, Australia, Kingdom of Saudi Arabia			
<b>5. Language &amp; Degree of Proficiency:</b>		Speaking	Reading	Writing
	English	Excellent	Excellent	Excellent
	German	Basic Fluency	Excellent	Basic Fluency

### 6. Employment Record

From:	2021	To:	Present
Employer:	Waugh Infrastructure Management Limited, New Zealand		
Positions Held:	<b>Consultant</b>		
From:	2016	To:	2021
Employer:	Central Otago District Council, New Zealand		
Positions Held:	<b>Asset Engineer</b> <b>Roading Engineer</b>		
From:	2013	To:	2016
Employer:	Stantec Limited (formerly MWH Limited), New Zealand		
Positions Held:	<b>Project Engineer</b>		

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## 6. Employment Record

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From: 2012 To: 2013

Employer: KF Consilium Limited, New Zealand

Positions Held: **Civil Design Engineer**

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From: 2010 To: 2012

Employer: Price and Myers LLP, United Kingdom

Positions Held: **Infrastructure Engineer**

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From: 2004 To: 2010

Employer: Transport Planning Associates (formerly Pinnacle Transportation Limited), United Kingdom

Positions Held: **Senior Engineer**  
**Project Engineer**

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From: 1998 To: 2004

Employer: SLR Consulting Limited (formerly SECOR Limited), United Kingdom

Positions Held: **Project Consultant**  
**Environmental Engineering Technician**  
**Computer-Aided Design (CAD) Manager / IT Co-ordinator**

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7. Detailed Tasks Assigned	8. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned	
Philippines National Asset Management Project	Project	Assisted in the development of the National Asset Management Plan (NAMP), Agency Asset Management Plan (AAMP), agency Asset Management Maturity Assessment, Training and Asset Management Capability Development for the Government of the Philippines
	Year	2021
	Location	Philippines
	Client	The World Bank
	Main Project Features	Working closely and collaboratively with the Philippine Government team, World Bank team and STC technical support team to develop the required NAMP, pilot agency AAMPs, Maturity Assessment questionnaires and assessment scoring, Training and Capacity Development for the Philippines Government infrastructure Asset Management deployment
	Positions Held	STC external support for the World Bank project in support of the Government of the Philippines
	Activities Performed	Remote interviews and meetings with teams in the Philippines, throughout 2021, assist the team with the development of the Philippines NAMP, AAMP, Maturity Assessment processes, Training and Capacity Development
Asset Management Strategy for Ministry of Transport, Kingdom of Saudi Arabia	Project	Assisted in the analysis and development of the Traffic Estimation Process and Asset Management Strategy for the Kingdom of Saudi Arabia Ministry of Transport
	Year	2021
	Location	Kingdom of Saudi Arabia
	Client	The World Bank
	Main Project Features	Development of data-driven Traffic Estimation processes to support KSA Ministry of Transport asset management practices, including development of a best practice traffic counting strategy and network hierarchy classification to support Levels of Service delivery.
	Positions Held	Support of STC staff for the World Bank project to support the KSA Ministry of Transport
	Activities Performed	Development of Traffic Estimation process framework aligned with international best practice. Creation of “pilot study” transport network and traffic model, based on combining existing network management data, network hierarchy framework and geospatial analysis. Linking outputs from modelling and analysis to addressing key AM challenges and opportunities.

<p><a href="#">Unsealed Roads Network Performance Modelling Tool</a> Development, Central Otago District Council/Infrastructure Decision Support (NZ)</p> <p>Project received the <a href="#">2020 IPWEA NZ Excellence Award</a> for Excellence in Maximising Asset Performance</p>	Project	Assisted in the development of the Unsealed Roads Model to support tactical decision-making for unsealed road Asset Management in New Zealand
	Year	December 2018 to February 2020
	Location	New Zealand
	Client	Central Otago District Council
	Main Project Features	Worked on the creation and validation of asset information, condition survey data, road network, and operating frameworks to develop the computer modelling of the Council's unsealed road assets condition, maintenance, and renewal strategies.
	Positions Held	Client representative to champion project development and outcome delivery for Central Otago District Council. Support, assistance and systems development for Primary Researcher Dr Theuns Henning
Activities Performed	Analyses of data and information provided, assisted GIS and systems engineers to develop modelling in dTIMS. Support to the Primary Researcher. Responsibility for mentoring and guiding engineering students, working on data analyses used for both the project and engineering theses.	
<p>Asset Management Processes and Practices – Service Delivery</p>	Project	Territorial Local Authority Strategic Asset Management planning and delivery
	Year	2017 - 2021
	Location	New Zealand
	Client	Central Otago District Council
	Main Project Features	Assets team leader, ensuring delivery of a broad scope of infrastructure asset management, reporting and analysis requirements. Championing Central Otago District Council's use & development of Asset Management Information Systems. Managed the development of data and systems utilising GIS capabilities and tools to enable advanced asset management practice for the council.
	Positions Held	Asset Engineer, directly reporting to the Executive Manager – Infrastructure Services
Activities Performed	Development, implementation, and oversight of the council's strategic plans for infrastructure Asset Management and Service Delivery. Responsibility for <a href="#">Activity Management Planning</a> (AMP) and Long-Term Planning (Infrastructure Strategy) documentation and delivery programmes, including the establishment and management of operational, capital and services work programme budgets.	
<p><a href="#">Road Efficiency Group</a> Sector Excellence Programme - Training</p>	Project	Continuing Professional Development (CPD) Asset Management Training for New Zealand Transportation Sector
	Year	2016 - 2021
	Location	New Zealand
	Client	-
	Main Project Features	Undertaking the Road Efficiency Group (REG) programme of workshops, sector engagement and Action Learning Tasks to upskill in delivering best-practice Asset Management in New Zealand's transportation sector.
	Positions Held	Programme Attendee and Advocate
Activities Performed	Active engagement with local, regional and national peers delivering transportation Strategic Asset Management programmes. Supported programme delivery with additional report writing, data collection, analysis, tools development and presentation material. Completing and providing feedback on all elements of the REG programme.	